

www.granberggloves.com

IT'S ALL ABOUT GLOVES

PRODUCT CATALOGUE 2018/2019

FEARLESS PERFORMANCE®



THESE GLOVES ARE MADE FOR WORKING

Our passion is gloves! We want to help you find the best hand protection possible for whatever work you're about to perform. Keeping hands safe with Granberg gloves has been our goal ever since the beginning.

Granberg was founded in 1961 and is today a leading manufacturer and supplier of gloves. Every day more people discover our wide range of professional gloves.

We are continuously developing our product portfolio, which today consists of over 250 different products.

In our laboratory, the product team is constantly developing products, always in close cooperation with our customers and end users, to meet new needs with the latest technological innovations.

In 2015 and 2016, two years in a row, Granberg AS was awarded the Red Dot Design Award for three of the Granberg® products. We are very proud of these acknowledgements, but there is nothing more rewarding than to meet satisfied customers wearing our gloves. There is something for everyone in our complete range of protective gloves. Check it out!

These gloves were made for working.
Now let's start working!





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UPDATE ON REVISIONS TO THE EUROPEAN PPE DIRECTIVE

PPE Directive 89/686/EEC is now over 20 years old. A new PPE Regulation (EU) 2016/425 reflects innovations and enhances consumer safety while ensuring fair competition between companies. Granberg AS has embraced this updated legislation.

In general

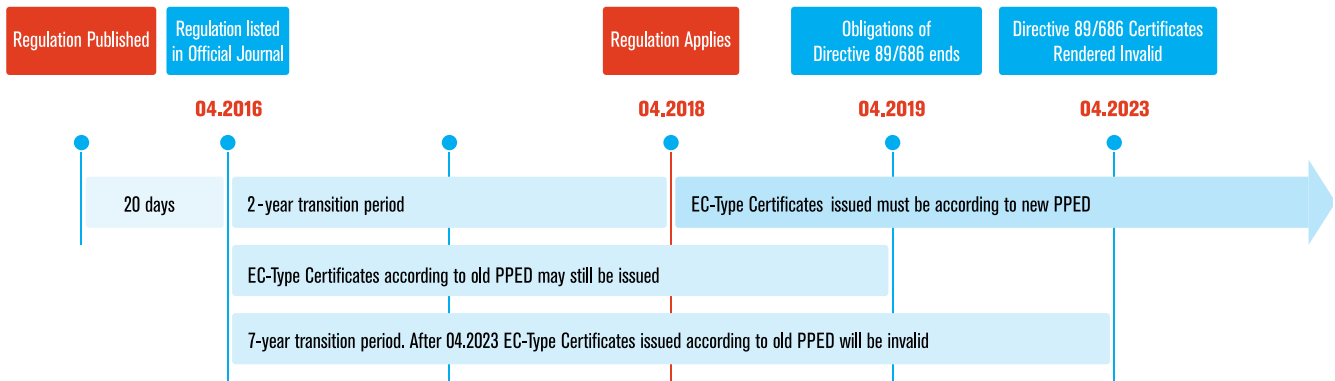
The PPE Regulation is mandatory and covers any type of product that falls within its scope, including protective gloves.

Our gloves satisfy the new criteria. We have furnished our laboratory with the relevant new equipment, and our employees are trained to guide end users in choosing the right glove for their needs.

Granberg AS has become a member of the European Safety Federation and will represent the interests of the PPE industry in the institutions of the European Union.

Key points and dates

- PPE Directive 89/686/EEC replaced by PPE Regulation (EU) 2016/425.
- PPE Regulation (EU) 2016/425 is published in the Official Journal of the European Union (EU).
- PPE Regulation (EU) 2016/425 enters into force 21st of April **2016** and shall apply from 21st of April **2018**.
- Member states shall not impede the availability of products covered by Directive 89/686/EEC made available prior to 21st of April **2019**.¹
- EC type examination certificates issued under Directive 89/686/EEC shall remain valid until 21st of April **2023**, unless they expire before that date.¹



¹ Regulation (EU) 2016/425 of The European Parliament and of The Council (9th of March 2016) on personal protective equipment and repealing Council Directive 89/686/EEC. (Ref. article 47).

Glove Standards update

PPE glove standards EN 388:2003 and EN 374:2003 have been replaced by EN 388:2016 and EN ISO 374:2016.

EN 388:2016 Protective Gloves against Mechanical Risks

The EN 388:2016 Standard is a revised version of the former EN 388 Standard (EN 388:2003). It has increased the scope of testing required, and the test results thus provide customers with more information, helping them to make the right choice of hand protection for their needs.

While tear and puncture tests remain unchanged, the major differences are related to abrasion, cut and impact resistance. A complementary test method for cut resistance is introduced, and a test for impact protection is included for the first time.

EN 388:2016 - Testing

(specifies the requirements that apply for each safety level)

LEVEL OF PROTECTION	1	2	3	4	5
A Abrasion resistance	100	500	2.000	8.000	
B Circular blade cut resistance	1,2	2,5	5,0	10,0	20,0
C Tear resistance	10	25	50	75	
D Puncture resistance	20	60	100	150	

LEVEL OF PROTECTION	A	B	C	D	E	F
E Straight blade cut resistance EN ISO 13997	2	5	10	15	22	30

LEVEL OF PROTECTION	P
F Impact protection	Pass (Level 1 ≤ 9 kN)

Abrasion resistance

The abrasive paper indicated in the standard, and which is supposed to be used in the test, is no longer available on the market. Therefore, notified bodies have started using alternative paper according to their judgement.

This situation has caused inconsistency of test results between the various notified bodies and confusion within the market. A new revision has specified guidelines for choosing the abrasive paper to be used in the test and will ensure uniformity of testing conditions.

Cut resistance

The EN 388:2003 version of the standard contained only one cut resistance test, known as **Circular blade cut resistance** or “Coup Test”. During this test, a sample of glove material is prepared and laid on a flat surface. A rotating circular blade tracks back and forth across the sample with fixed 5 N load until it has succeeded in cutting through the material.

This test method has been used since 1994 and has its limitations. New highly abrasive and cut resistant materials, such as materials containing glass fibres or stainless steel, have reached the market, and these materials can often lead to a dulling of the blades. As a consequence, this test method is providing inconsistent and inaccurate test results with misleading information about materials with high cut resistance and high abrasion resistance.

In the recently revised EN 388 Standard (EN 388:2016), the Coup Test is still in use, and the results from this test are applicable to gloves that do not dull the blade. However, materials that noticeably dull the blade during this test, are now to be tested according to the newly included EN ISO 13997 **Straight blade cut resistance test**, performed by a TDM machine. This test method is created to evaluate protection level of highly cut resistant safety gloves by simulating an accidental single contact of a great force with a sharp object.

Dulling of the blade has occurred if:

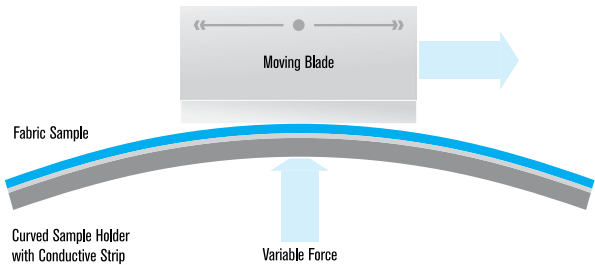
- During an individual Coup Test, the number of cycles required to cut through the second reference material is greater than three times that required for the first reference material.
- Cut-through has not occurred after 60 cycles.

If any of these requirements are met, EN ISO 13997 must be performed, and the before ‘Coup Test result’ must be recorded as X (not applicable). In practice, this means that it is no longer possible to achieve Cut level 5.

EN ISO 13997 determines the force in Newtons (N) required to cut through a material sample. Gloves which provide an adequate level of protection to pass the test are ranked from levels A to F according to the protection provided.

EN ISO 13997 uses a flat blade that is pressed over a sample of material attached to a slightly curved hard surface. The principle of the test is to measure the load applied to the blade in order to cut through the material sample over a 20 mm stroke length.

The blade tracks only a short distance and is replaced by a new blade after it has been used a single time, therefore dulling of the blade plays a considerably less significant part than in the Coup Test.



Impact protection

Gloves that have specific impact resistant properties on the back of the hand can be tested against an updated EN 13594:2015. This standard is created to assess protective gloves for motorcycle riders.

In this test, the glove knuckles are impacted by a 2.5 kg flat face striker from a sufficient height, creating an impact energy of 5J. The peak force is recorded by a sensor mounted beneath the anvil.

The impact force attenuation provided by the glove sample must qualify for Level 1 of EN 13594:2015.

If the sample has achieved a result of Level 1, the letter “P” is added to the results.

Marking examples

LEVEL OF PROTECTION	EXAMPLE 1 115.9001	EXAMPLE 2 114.0933
Abrasion resistance	4	4
Circular blade cut resistance	N/A	1
Tear resistance	4	3
Puncture resistance	3	1
Straight blade cut resistance EN ISO 13997	D	X
Impact protection	P	N/A
RESULTING PICTOGRAM MARKING	<div>EN 388:2016</div> <div></div> <div>4X430P</div>	<div>EN 388:2016</div> <div></div> <div>4131X</div>

Every serious brand needs a manifesto.
Here's ours. Written by our team.

BOLD BLOOD

**FOR SOME PEOPLE, STAYING SAFE
MEANS STAYING OUT OF HARM'S WAY.**

It means living in the comfort zone.
Where they don't have to think about risk.
About danger.
For some people, this is fine.
But there are some that understand
that if people want to stay in
the comfort zone, the safe zone,
someone else must get in harm's way.
Not for the thrill of it.
Not as a joke.
But because there's a job to do.

And someone has to do it.
Someone with bold blood.
Who do not choose the easy route,
but adventure.
Who can be called upon,
and relied upon,
when there's difficult work to be done.
Not because no one else is willing.
But because no one else is better.
For some people, staying safe
doesn't mean staying out of harm's way.
It means braving the way safely.

**WE KNOW THEM. THEY KNOW US.
THE BLOOD THAT RUN THROUGH
THEIR VEINS, RUN THROUGH OURS.**



FEARLESS PERFORMANCE®



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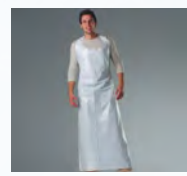
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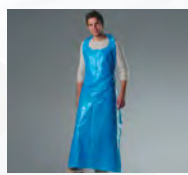
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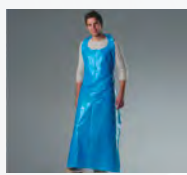
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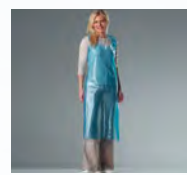
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ALL-ROUND GLOVES



THE HAND your most important tool

Your hand is the main tool of the human body. It represents one of the body's most complex and useful mechanisms. The human hand has 27 different bones, 30 joints, 55 muscles and an average grip strength of 50kg!

Because the hand is our primary tool, it is also exposed to many risks. It is therefore very important to protect it. But be sure to use the right protection for the application – the wrong glove choice can add to the danger instead of protecting you from it.



JUST THE SAME BUT DIFFERENT?
Use this to compare product properties.

Art.no	Winter lined	Velcro closure	Leather	Coated	Glove fit			More
					Tight	Normal	Loose	
101.9510			•				•	
101.9540	•		•				•	Puncture resistant
101.9740	•		•				•	
102.9500			•				•	Tear/Abrasion resistant
102.9610			•				•	
102.9613			•				•	
103.4140	•		•				•	
103.4190			•				•	Tear/Puncture resistant
103.4270			•			•		Tear resistant
103.4275		•	•			•		Tear resistant
103.4280	•	•	•			•		
107.8112	•						•	Waterproof
107.9550							•	Water repellent, phthalates free
108.3110				•	•			Tear/Abrasion resistant
108.8095	•			•	•			
109.040LPW	•			•	•			Tear/Abrasion/Water repellent
110.0364					•			
110.0380	•				•			
113.1020			•			•		
113.1051	•		•			•		Wind-/waterproof
113.4190			•				•	
114.0070				•			•	Abrasion resistant, water repellent
114.0156				•		•		Oil/Water repellent
114.0157				•		•		Water repellent
114.0166				•		•		
114.0167				•		•		
114.0170				•			•	Water repellent
114.0640				•		•		Oil/Chemical resistant
117.7000Y	•						•	High visibility
120.1118		•			•			Cut resistant
120.1124		•			•			High visibility

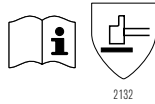


WORK GLOVES

Pig grain leather with rubberized cuff, palm lined

- Durable. For tasks where wear resistance is a high priority.

Suitable for: Versatile use in engineering industry.



2132

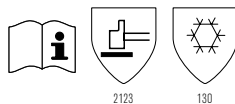


WORK WINTER GLOVES

Pig grain leather with rubberized cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

Suitable for: Outdoor work in building and construction, etc.



2123

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WORK GLOVES

Pig grain leather with pasted cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

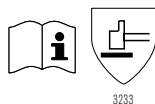


WORK GLOVES

Cow split leather with rubberized cuff, palm lined

- Durable. For tasks where wear resistance is a high priority.

Suitable for: Work with lumber and other heavy-duty work | Dry work environments.



3233

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Cotton fleece (Palm lined)
Colour:	Red, Beige
Thickness:	1,0-1,2 mm
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	101.9510

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	10 11 12
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Red, Beige
Thickness:	1,0-1,2 mm
Length:	28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	101.9540

Granberg®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 11
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Acrylic fur (Fully lined)
Colour:	Black, Beige
Thickness:	1,0-1,2 mm
Length:	27-30 cm
Weight:	
Packaging:	Pair (6/60)
Art:	101.9740

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	10 11
Material:	Cow split (Palm) Cotton (Back)
Liner:	Cotton fleece (Palm lined)
Colour:	White, Yellow
Thickness:	1,2-1,4 mm
Length:	27-28 cm
Weight:	
Packaging:	Pair (12/60)
Art:	102.9500

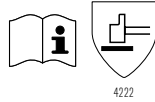


WORK GLOVES

Pig split leather with rubberized cuff, palm lined

- Universal. All-round gloves for tasks where wear resistance is a moderate priority.

Suitable for: Work with lumber and other heavy-duty work | Dry work environments.



4222



WORK GLOVES

Pig split leather with pasted cuff, palm lined

- Universal. All-round gloves for tasks where wear resistance is a moderate priority.
- Best suited for dry work conditions.



WORK WINTER GLOVES

A-grade cow grain leather with rubberized cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

Suitable for: Outdoor work in cold environments within building and construction industry.



WORK GLOVES

A-grade cow grain leather with rubberized cuff, palm lined

- Durable. For tasks where wear resistance is a high priority.

Suitable for: Stone | Wire | Concrete products | Heavy duty work, etc.



2133

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Pig split (Palm) Cotton (Back)
Liner:	Cotton fleece (Palm lined)
Colour:	Yellow
Thickness:	0,8-1,0 mm
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	102.9610

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	8 10
Material:	Pig split (Palm) Cotton (Back)
Liner:	Cotton (Palm lined)
Colour:	Black, Beige
Thickness:	0,7-0,9 mm
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	102.9613

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 11 12
Material:	Cow grain (Palm) Cotton (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Blue, Beige
Thickness:	1,0-1,2 mm
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	103.4140

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	Cow grain (Palm) Cotton (Back)
Liner:	Cotton fleece (Palm lined)
Colour:	Blue, Beige
Thickness:	1,1-1,3 mm
Length:	26-30 cm
Weight:	
Packaging:	Pair (6/60)
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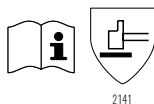


ASSEMBLY GLOVES

A-grade cow grain leather, unlined

- Comfortable and flexible.
- Soft and strong leather ensures a long life-span.

Suitable for: Varied engineering work with high wear and tear requirements.



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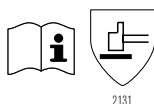


ASSEMBLY GLOVES

A-grade cow grain leather with Velcro closure, unlined

- Comfortable.
- Soft and strong leather ensures a long life-span.

Suitable for: Varied engineering work with high wear and tear requirements.



2131



ASSEMBLY WINTER GLOVES

A-grade cow grain leather with Velcro closure, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

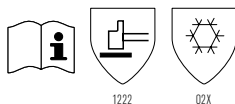


ALL-ROUND WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane, Spandex® back

- Flexibility and good grip.
- Provides protection against cold and moisture.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Warm and soft liner inside the gloves.
- Palm and thumb-base reinforcement.
- Reflectives around the cuff.
- Machine washable. Drip dry.

Suitable for: Assembly work and other tasks in cold environments with high requirements to mobility, flexibility and grip.



1222

02X

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Cow grain
Liner:	Unlined
Colour:	Beige
Thickness:	0,8-1,0 mm
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	103.4270

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10 11
Material:	Cow grain
Liner:	Unlined
Colour:	Beige
Thickness:	0,8-1,0 mm
Length:	24-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	103.4275

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	8.5 10.5
Material:	Cow grain
Liner:	Cotton fleece (Fully lined)
Colour:	Beige
Thickness:	0,8-1,0 mm
Length:	24-26 cm
Weight:	
Packaging:	Pair (6/60)
Art:	103.4280

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black
Thickness:	
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.8112



WORK GLOVES

Synthetic leather with pasted cuff, palm lined

- For general protection against dirt and grime.
- Water repellent material in the palm.
- Does not contain phthalates.



WORK GLOVES

Latex coating

- Universal. All-round handling gloves for work and hobbies.
- Flexible.
- Good grip and durability.

Suitable for: All tasks in dry conditions, where it is most important with a sure grip.



3141



KNITTED WINTER GLOVES

Latex foam coating

- Flexible and comfortable.
- Good grip and long life-span.
- Provides good thermal insulation.

Suitable for: Building, handicraft and handling of goods in cold environments.



2121

020



ASSEMBLY WINTER GLOVES BLACK DIAMOND

Fully coated with special vinyl/PVC foam coating, acrylic liner, waterproof

- Comfortable and durable.
- Outstanding dexterity and fit.
- The vinyl/PVC coating technology is a patented process.
- Provides very good thermal insulation.

Suitable for: Construction business | Heavy duty work | Assembly of components | Shipping | Oil and gas industry | Cold Storage | Outdoor winter use.



3232

130

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	8 10
Material:	Vinyl/PVC (Palm) Cotton (Back)
Liner:	Cotton (Palm lined)
Colour:	Multicolor
Thickness:	
Length:	26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.9550

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10
Material:	Latex
Liner:	Cotton/Polyester
Colour:	Green, Yellow
Thickness:	
Length:	23-24 cm
Weight:	
Packaging:	Pair (12/144)
Art:	108.3110

GranberG®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Latex
Liner:	Acrylic flannel
Colour:	Blue, Grey
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	108.8095

Black Diamond®



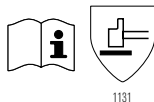
Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Black, Grey
Thickness:	
Length:	23-29 cm
Weight:	
Packaging:	Pair (6/72)
Art:	109.040LPW



KNITTED GLOVES

Cotton with vinyl/PVC dots on both sides

- High tensile strength.
- Very good grip.
- Machine knitted (seamless).
- Ambidextrous.



1131



KNITTED WINTER GLOVES

Acrylic cotton terry with vinyl/PVC microdots

- Soft and warm. For use in cold conditions.
- Provides good touch sensitivity.



0141

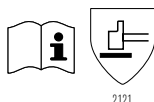


ASSEMBLY GLOVES

Goatskin, unlined

- Goatskin leather is soft, flexible and touch sensitive.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Strong leather makes the gloves very durable.
- Fits hand well.

Suitable for: Assembly work | Grinding work with metals.



2121

NEW!

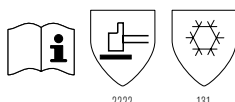


WORK WINTER GLOVES

Goatskin, wind- and waterproof

- Leather glove features combined with the benefits of ProTex® wind- and waterproof, breathable membrane.
- The sewn-in ProTex® membrane keeps hands warm and dry when working.
- Soft and durable goatskin in the palm and Spandex® on back of hand.
- Provides very good thermal insulation.

Suitable for: Construction | Heavy duty work | Shipping | Cold Storage | Outdoor winter use | Damp, windy, cold environments



2222

131

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10
Material:	Cotton with vinyl/PVC dots
Liner:	
Colour:	Blue, Red
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/288)
Art:	110.0364

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	L XL
Material:	Acrylic cotton terry with vinyl/PVC dots
Liner:	
Colour:	Blue
Thickness:	
Length:	24-26 cm
Weight:	
Packaging:	Pair (12/240)
Art:	110.0380

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin
Liner:	Unlined
Colour:	White
Thickness:	1,0-1,1 mm
Length:	22-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1020

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Goatskin (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	White, Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	113.1051

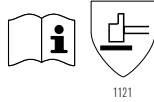


WORK GLOVES

A- grade goatskin with rubberized cuff, palm lined

- Comfortable and fitted.
- Soft and strong goatskin leather provides excellent dexterity and touch sensitivity.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Good ventilation on back of hand that is made of 100% cotton.

Suitable for: Assembly work, versatile use in varied engineering and construction industries with high wear and tear requirements.



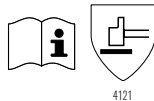
1121



WORK GLOVES

Full nitrile coating with rubberized cuff

- For rough work: best in dry and strongly abrasive conditions.



4121



WORK GLOVES

Full nitrile coating with knitted wrist

- Durable.
- Special nitrile formulation provides an excellent combination of flexibility, mechanical resistance and oil repellence.
- Silicone-free. Ensure cleanliness of metal sheets.

Suitable for: Refuse collection | Sheet and light metals handling | Stamping operations | Gas and electricity supply | Assembling and inspecting engine parts | General handling.



3111

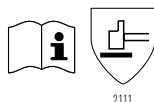


WORK GLOVES

Full nitrile coating with knitted wrist

- Special nitrile formulation provides an excellent combination of flexibility, mechanical resistance.

Suitable for: Refuse collection | Sheet and light metals handling | Stamping operations | Gas and electricity supply | Assembling and inspecting engine parts | General handling.



2111



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10 11
Material:	Goatskin (Palm) Cotton (Back)
Liner:	Cotton fleece (Palm lined)
Colour:	Blue, White
Thickness:	1,0-1,2 mm
Length:	26-30 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.4190



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0070



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	25-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0156



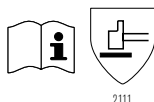
Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0157



WORK GLOVES

Nitrile coating, open back with knitted wrist

- Light.
- Good grip.
- Provides high touch sensitivity.
- Comfortable to use.
- Good breathability.



2111



WORK GLOVES

Nitrile coating, open back with knitted wrist

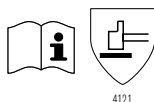
- Light and comfortable.
- Good grip.
- Provides high touch sensitivity.



WORK GLOVES

Nitrile coating, open back with pasted cuff

- For rough work: best in dry and strongly abrasive conditions.
- Good ventilation.



4121

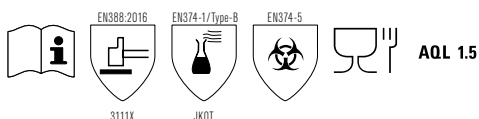


WORK GLOVES

Fully dipped, nitrile coating with knitted wrist

- Durable.
- Oil resistant.
- Good anatomical fit.
- 3-4 times longer life-span than equivalent vinyl/PVC gloves.

Suitable for: Versatile use in petrochemical | Automotive | Engineering industries | Food industry.



3111X

JKOT

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	27-29 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0166

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	24-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	114.0167

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	10
Material:	Nitrile
Liner:	Cotton
Colour:	Blue
Thickness:	
Length:	26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0170

PHULAX

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Interlock
Colour:	Blue
Thickness:	0,8 mm
Length:	24-26 cm
Weight:	
Packaging:	Pair (10/120)
Art:	114.0640



WORK WINTER GLOVES

Hi-Viz™ yellow colour with reflectors

- Comfortable.
- Winter lining in Thinsulate-type material.
- Withstands low temperatures.
- Hi-Viz™ yellow colour for improved safety.

Suitable for: Building and construction work with high requirements to visibility and thermal insulation.



ASSEMBLY GLOVES EX®

MacroSkin Pro® with Spandex® back and Velcro closure, unlined

- A rugged work glove that can hardly wear out.
- Reinforced palm and fingertips.
- Soft and supple wrist end made of the elastic neoprene.
- Good breathability.
- Adjustable Velcro closure at the wrist.
- Machine washable. Drip dry.

Suitable for: Rough work, e.g. for offshore usage | Iron fixing | Sawmill work.

Design protected by patents.



2322



ASSEMBLY GLOVES EX®

MacroSkin Pro® with Spandex® back and Velcro closure, high visibility back

- Reinforced palm and fingertips.
- Breathable and wear resistant.
- Knuckle protection on the back.
- Machine washable. Drip dry.



2121



Standards:	EN 420
Category:	CE Cat. I
Sizes:	10 11
Material:	Nitrile (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	White, Yellow, Silver
Thickness:	
Length:	27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	117.7000Y



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Grey, Green
Thickness:	
Length:	23-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	120.1118



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Green
Thickness:	
Length:	23-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	120.1124

**QUALITY
GLOVES
IS OUR JOB**

What's yours?



EXTREME-FIT ASSEMBLY GLOVES

IT'S NOT REALLY A PROTECTIVE GLOVE WITHOUT THE PROPER MARKINGS

The CE marking is a product label used primarily in the EEA. If a product has been labelled with the CE marking, this is a declaration that the manufacturer or importer has complied with the essential requirements contained in the EU directives.



The EN 420 standard contains the general requirements for protective gloves. The general requirements for protective gloves are presented on page 112.

In order to meet a number of different requirements in the commercial sector, protective gloves are separated into three categories.

CATEGORY I
Minimal risk

CATEGORY II
Intermediate risk

CATEGORY III
High/fatal risk

KEEPING IT TIGHT!

Make sure you're wearing the correct sized glove. If the glove is too loose, your grip may be poor and the glove may get caught in machinery or other objects, resulting in an injury. Staying safe should be the number one priority.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Winter lined	Seamless	Velcro closure	Coating material				Grip type			More
				PU	PVC/Vinyl	Nitrile	Latex	Dry	Wet	Oil	
100.0410		•		•				•	•		
100.0433		•		•				•	•		
100.0850		•		•				•	•		ESD protection
101.4295			•					•			Natural leather
101.4295W	•							•			Natural leather
107.4295			•					•	•		
107.4297			•					•	•		
107.4297W	•		•					•	•		Waterproof
107.7114	•							•	•		Waterproof
107.8105			•					•	•		
107.8888			•					•	•		
108.0600		•						•	•		Bamboo viscose liner
108.8080	•	•					•	•	•	•	Waterproof
109.0400		•			•			•	•	•	Oeko-Tex® approved
109.0400LP		•			•			•	•	•	Water repellent
109.0400W	•	•			•			•	•	•	Oeko-Tex® approved
109.0400Y	•	•			•			•	•	•	High visibility
113.1010								•			Natural leather
113.1015	•							•			Natural leather
113.1020								•			Natural leather
113.1040			•					•			Natural leather
113.1045	•		•					•			Natural leather
113.4295			•					•			Natural leather
113.4296								•			Natural leather
114.0331	•	•				•		•	•	•	
114.0488W	•	•				•		•	•	•	
114.0490		•				•		•	•	•	Waterproof
114.0550		•				•		•	•	•	Dotted, Oeko-Tex® approved
114.0755		•				•		•	•	•	
114.0766		•				•		•	•	•	Oeko-Tex® approved
114.0933		•				•		•	•	•	Oeko-Tex® approved
114.0944		•				•		•	•	•	Touchscreen functionality
114.4270		•				•		•	•		
114.4272W	•		•			•		•	•		
114.0822		•						•			
120.1118			•					•	•		Cut resistant
120.1124			•					•	•		
120.4271								•			Silicone printed palm
120.4281								•			
120.4282	•							•			
120.4283			•					•			
120.4284	•		•					•			
120.4291								•			
120.4292W	•							•			
120.4293			•					•			
120.4294W	•		•					•			

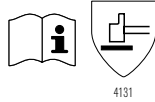


ASSEMBLY GLOVES

Polyurethane coating

- Highly durable and breathable.
- Ideal for precision work.

Suitable for: Light assembly work in transport/warehouse | Motor repair workshops | Plastics industry | Textile industry | Inspection/control, etc.



4131

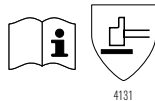


ASSEMBLY GLOVES

Polyurethane coating

- Highly durable and breathable.
- Ideal for precision work.

Suitable for: Detailed assembly with requirements to good touch sensitivity | Transport/warehousing | Car workshops | Plastic industries, etc.



4131

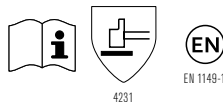


ESD GLOVES

Polyurethane coating

- Dissipative effect to minimise the occurrence of Electro Static Discharge and stable in terms of anti-static properties.
- ESD approved.

Suitable for: Assembly in the electronics industry | Handling of photographic film | Optics | Laboratories.



4231

EN 1149-1



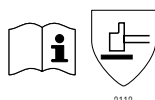
ASSEMBLY GLOVES

Pig grain leather with cotton back and Velcro closure, unlined

- Ideal for work that requires precision and touch sensitivity.

Suitable for: Assembly/fine work.

Design protected by patents.



2112



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	22-25 cm
Weight:	
Packaging:	Pair (12/144)
Art:	100.0410



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Polyester
Colour:	Grey
Thickness:	
Length:	22-25 cm
Weight:	
Packaging:	Pair (12/144)
Art:	100.0433



Standards:	EN 420, 388:2003, 1149-1
Category:	CE Cat. II
Sizes:	6 7 8 9 10
Material:	PU
Liner:	Nylon
Colour:	White, Grey
Thickness:	
Length:	21-24 cm
Weight:	
Packaging:	Pair (12/144)
Art:	100.0850



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Unlined
Colour:	White, Red
Thickness:	0.8-0.9 mm
Length:	19-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	101.4295



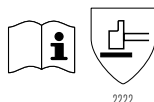
ASSEMBLY WINTER GLOVES

Pig grain leather with cotton back and Velcro closure, winter lined

- Ideal for work that requires precision and touch sensitivity.
- Provides thermal insulation.

Suitable for: Assembly/fine work in cold conditions.

Design protected by patents.



2222

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Cotton fleece (Fully lined)
Colour:	White, Black
Thickness:	0,8-0,9 mm
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/120)
Art:	101.4295W



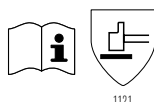
ASSEMBLY GLOVES

Synthetic leather with cotton back and Velcro closure, unlined

- Comfortable and soft.
- Highly touch sensitive.

Suitable for: Assembly/fine work.

Design protected by patents.



1121

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Synthetic leather (Palm) Cotton (Back)
Liner:	Unlined
Colour:	White, Red
Thickness:	0,7 mm
Length:	20-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.4295



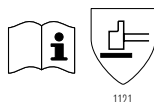
ASSEMBLY GLOVES EX®

MicroSkin Shield® with Spandex® back and Velcro closure, unlined

- Flexible.
- Good grip and high touch sensitivity.
- Machine washable. Drip dry.

Suitable for: Assembly work and other similar tasks.

Design protected by patents.



1121

EX®
BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MicroSkin Shield® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Grey
Thickness:	
Length:	22-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.4297



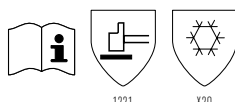
ASSEMBLY WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane and Spandex® back, Velcro closure

- Provides protection against cold and moisture.
- Warm and soft liner inside the gloves.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Highly flexible.
- Excellent grip.
- Machine washable. Drip dry.

Suitable for: Assembly work and outdoor tasks in wet and/or cold weather.

Design protected by patents.



1221

X20

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black, Grey
Thickness:	
Length:	21-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.4297W

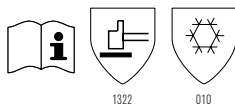


ALL-ROUND WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane, neoprene back

- Provides protection against cold and moisture.
- Good grip and flexibility.
- Palm and thumb-base reinforcement.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Warm and soft fleece liner inside the glove.
- Machine washable. Drip dry.

Suitable for: Assembly work and other tasks in cold environments with high requirements to mobility, flexibility and grip.



1322

010



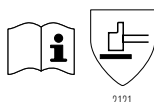
ASSEMBLY GLOVES EX®

MicroSkin Shield® with Spandex® back and Velcro closure, unlined

- Flexible and well-fitted.
- Good grip and high touch sensitivity.
- Machine washable. Drip dry.

Suitable for: Assembly work and other tasks.

Design protected by patents.



2121

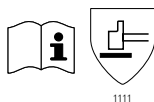


ASSEMBLY GLOVES/SHOOTING GLOVES EX®

MicroSkin Shield® material with neoprene back and Velcro closure, unlined

- Flexible.
- Good grip and high touch sensitivity.
- Reinforced fingertips and reinforced palm for added durability.
- Water repellent, elastic neoprene on the back of hand.
- Machine washable. Drip dry.

Suitable for: All-weather weapon use and all-day wear, a favorite choice of law enforcement professionals | Assembly work and other similar tasks.



1111

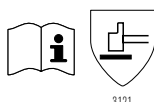


ASSEMBLY GLOVES BAMBOO®

Latex foam coating, liner made of bamboo viscose fibre

- High breathable properties compared to cotton or any other synthetic fibre.
- Very comfortable and flexible.
- Bamboo fibre is up to 4 times more absorbent than cotton.

Suitable for: Assembly work with high requirements to touch sensitivity and grip.



3121



BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Neoprene (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black, Grey
Thickness:	
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.7114



BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MicroSkin Shield® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey
Thickness:	
Length:	22-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.8105



BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MicroSkin Shield® (Palm) Neoprene (Back)
Liner:	Unlined
Colour:	Black
Thickness:	
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	107.8888



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Latex
Liner:	Bamboo viscose
Colour:	White, Grey
Thickness:	
Length:	23-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	108.0600

NEW!

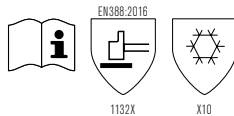


ASSEMBLY WINTER GLOVES

Double latex coating, waterproof

- Comfortable and durable.
- Coated with a thin layer of blue waterproof latex coating.
- Black sandy latex foam overdip ensures excellent wet, dry and oily grip.
- Good dexterity and fit.
- Provides good thermal insulation.

Suitable for: Construction business | Heavy duty work |
Assembly of components | Shipping | Oil and gas industry |
Cold Storage | Outdoor winter use.

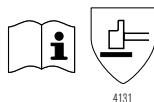


ASSEMBLY GLOVES BLACK DIAMOND, OEKO-TEX® 100 APPROVED

Special vinyl/PVC foam coating

- Highly durable.
- Outstanding dexterity and fit.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Construction business | Heavy duty work |
Assembly of components | Shipping | Mechanical and automotive.

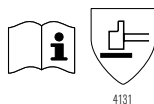


ASSEMBLY GLOVES BLACK DIAMOND

Fully coated with special vinyl/PVC foam coating, water resistant

- Highly durable.
- Outstanding dexterity and fit.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Construction business | Heavy duty work |
Assembly of components | Shipping | Oil and gas industry.

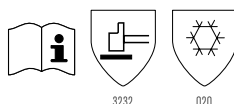


ASSEMBLY WINTER GLOVES BLACK DIAMOND, OEKO-TEX® 100 APPROVED

Special vinyl/PVC foam coating

- Durable.
- Outstanding dexterity and fit.
- Tested and approved for cold conditions.
- With Antiwet Coating.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Assembly work and jobs in wet, oily and cold conditions
with no compromise on comfort, grip and abrasion resistance.



Standards:	EN 420, 388:2016, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Latex
Liner:	Acrylic flannel (Fully lined)
Colour:	Blue, Black
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	108.8080



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Vinyl/PVC
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	23-29 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	Vinyl/PVC
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	23-29 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400LP



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Black
Thickness:	
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400W

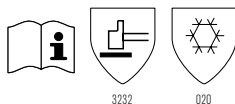


ASSEMBLY WINTER GLOVES BLACK DIAMOND

Special vinyl/PVC foam coating. Hi-Viz™ yellow colour

- Durable.
- Tested and approved for cold conditions.
- With Antiwet Coating.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Assembly work and jobs in wet, oily and cold conditions where visibility is the highest priority.



Black Diamond®



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Yellow
Thickness:	
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400Y

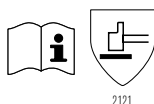


ASSEMBLY GLOVES

Goatskin, unlined

- Goatskin leather is soft, flexible and touch sensitive.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Strong leather makes the gloves very durable.
- Good breathability on the back of hand.

Suitable for: Assembly/fine work.



Granberg®

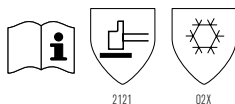
Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin (Palm) Cotton (Back)
Liner:	Unlined
Colour:	White, Black
Thickness:	1,0-1,1 mm
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1010



ASSEMBLY WINTER GLOVES

Goatskin, fleece lined

- Goatskin leather is soft, flexible and touch sensitive.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Strong leather makes the gloves very durable.
- Fleece lined for warmth and additional comfort.



Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin (Palm) Cotton (Back)
Liner:	Cotton fleece (Fully lined)
Colour:	White, Black
Thickness:	1,0-1,1 mm
Length:	24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1015

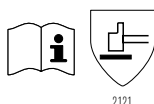


ASSEMBLY GLOVES

Goatskin, unlined

- Goatskin leather is soft, flexible and touch sensitive.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Strong leather makes the gloves very durable.
- Fits hand well.

Suitable for: Assembly work | Grinding work with metals.



Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin
Liner:	Unlined
Colour:	White
Thickness:	1,0-1,1 mm
Length:	22-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1020

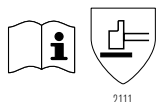


ASSEMBLY GLOVES

Goatskin, unlined

- Comfortable and fitted.
- Soft and strong goat skin leather provides excellent dexterity and touch sensitivity.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Nylon back and Velcro closure.

Suitable for: Assembly/fine work.



2111

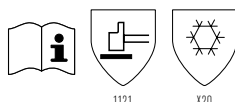


ASSEMBLY WINTER GLOVES

Goatskin, winter lined

- Comfortable and fitted.
- Soft and strong goat skin leather provides excellent dexterity and touch sensitivity.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Nylon back and Velcro closure.

Suitable for: Assembly/fine work in cold conditions.



1121

X20

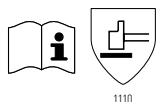


ASSEMBLY GLOVES

Goatskin with elastic cotton back and Velcro closure, unlined

- Comfortable and fitted.
- Soft and strong goat skin leather provides excellent dexterity and touch sensitivity.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Good ventilation on back of hand that is made of 100% cotton.

Suitable for: Assembly/fine work.



1110

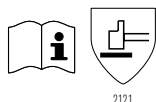


ASSEMBLY GLOVES

Goatskin, unlined

- Comfortable and fitted.
- Soft and strong goat skin leather provides excellent dexterity and touch sensitivity.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Nylon back.

Suitable for: Assembly/fine work.



2121

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10 11
Material:	Goatskin (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Blue, White
Thickness:	
Length:	22-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1040

GranberG®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Blue, White
Thickness:	
Length:	22-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1045

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin (Palm) Cotton (Back)
Liner:	Unlined
Colour:	Blue, White
Thickness:	0,7-0,9 mm
Length:	21-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.4295

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	5 6 7 8 9 10 11
Material:	Goatskin (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Blue, White
Thickness:	0,5-0,7 mm
Length:	21-26 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.4296

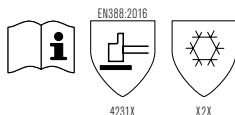
NEW!


ASSEMBLY WINTER GLOVES

Sandy nitrile coating, knuckle dipped, acrylic liner

- High durability and abrasion resistance.
- Provides very good thermal insulation.
- Good dexterity and fit.
- Excellent wet, dry and oil grip.

Suitable for: Construction business | General assembly | Cold Storage | Outdoor winter use.

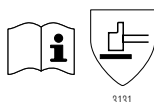


ASSEMBLY WINTER GLOVES

Special nitrile foam coating

- Durable.
- Warm, fitted and very comfortable.
- Warm brushed acrylic on inside, strong nylon outer shell.

Suitable for: Refrigerated display counter and cold storage rooms | Outdoor assembly | Inspections | Handling small parts.

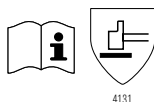


ASSEMBLY GLOVES

Double nitrile coating, waterproof

- Highly durable.
- Coated with a thin layer of sky blue waterproof nitrile coating.
- Black sandy foam overdip ensures excellent wet, dry and oily grip.
- Good dexterity and fit.

Suitable for: Mechanical and automotive | Oil and Gas industry | Refineries | Construction business.

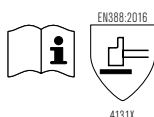


ASSEMBLY GLOVES PRO-FIT®, OEKO-TEX® 100 APPROVED

Patented nitrile foam coating with microdots

- Microdots on the palm ensure firm oily grip, wet grip, and dry grip.
- Excellent abrasion resistance combined with dexterity and breathability.
- The patented micro-capillary nitrile foam technology.

Suitable for: Assembly and finishing | Metal fabrication | Assembly of white goods | General site & factory maintenance | Warehouse work and general handling.



Granberg®

Standards:	EN 420, 388:2016, 511
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Acrylic flannel (Fully lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	114.0331

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Brushed acrylic
Colour:	Blue, Black
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0488W

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Nitrile
Liner:	Nylon
Colour:	Blue, White, Black
Thickness:	
Length:	26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0490

PRO-FIT®
BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Nitrile
Liner:	Nylon
Colour:	Black
Thickness:	
Length:	21-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0550

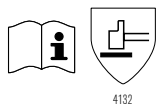


ASSEMBLY GLOVES

Special nitrile foam coating

- Highly durable.
- Fitted model, comfortable and flexible.
- Good breathability.

Suitable for: Detailed assembly | Inspection | Handling small parts, etc.



4132

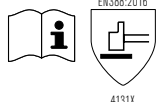


ASSEMBLY GLOVES PRO-FIT®, OEKO-TEX® 100 APPROVED

Patented nitrile foam coating

- Great oil grip, wet grip, and dry grip.
- Excellent abrasion resistance combined with dexterity and breathability.
- The patented micro-capillary nitrile foam technology.
- ANTIWET treated.
- An extra thin 18-gauge nylon liner ensures extra softness and flexibility.

Suitable for: Assembly and finishing | Metal fabrication | Assembly of white goods | General site & factory maintenance | Warehouse work and general handling.



4131X

NEW!

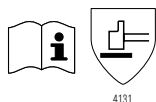


ASSEMBLY GLOVES

Sandy nitrile coating

- High durability and abrasion resistance.
- Highly dexterous.
- Well fitted and soft.
- Economical industrial packaging.

Suitable for: Construction business | Mechanical and automotive | Detailed assembly | Inspection | Handling small parts, etc



4131

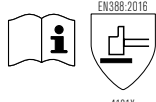


ASSEMBLY GLOVES PRO-FIT®, OEKO-TEX® 100 APPROVED

Patented nitrile foam coating

- Great oil grip, wet grip, and dry grip.
- Excellent abrasion resistance combined with dexterity and breathability.
- The patented micro-capillary nitrile foam technology.
- ANTIWET treated.

Suitable for: Assembly and finishing | Metal fabrication | Assembly of white goods | General site & factory maintenance | Warehouse work and general handling.



4131X

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Nitrile
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	23-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0755

**PRO-FIT®
SUPERFLEX®**

BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Nitrile
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	21-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0766

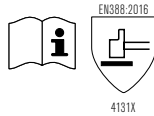
Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 9 10 11
Material:	Nitrile
Lining:	Nylon/Lycra®
Colour:	Black, Grey
Thickness:	
Length:	
Weight:	
Packing:	Pair (12/144)
Art:	114.0822

**PRO-FIT®
CLASSICS**

BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Nitrile
Liner:	Nylon
Colour:	Black, Grey
Thickness:	
Length:	21-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0933

NEW!

TOUCHSCREEN COMPATIBLE!

TOUCHSCREEN COMPATIBLE ASSEMBLY GLOVES PRO-FIT®, OEKO-TEX® 100 APPROVED

Patented nitrile foam coating

- Recommended when operating with touchscreen devices.
- Great oil grip, wet grip, and dry grip.
- Excellent abrasion resistance combined with dexterity and breathability.
- The patented micro-capillary nitrile foam technology.

Suitable for: Touchscreen applications | Assembly and finishing | Light fabrication | Assembly of white goods | General site & factory maintenance | Warehouse work and general handling.

PRO-FIT®

BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Nitrile
Liner:	Nylon/Spandex®
Colour:	Blue
Thickness:	
Length:	21-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0944

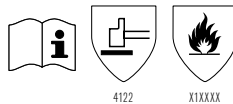


ASSEMBLY GLOVES

Full nitrile microfoam coating

- High durability, dexterity and tactile sensitivity.
- Resistant to contact heat up to 100°C for 15 seconds.
- Water and oil repellent.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts.


Granberg®

Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Nylon
Colour:	Yellow
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.4270

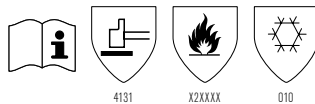


ASSEMBLY WINTER GLOVES

Full nitrile microfoam coating, fleece liner

- High durability, dexterity and tactile sensitivity.
- Resistant to contact heat up to 250°C for 15 seconds.
- Provides good thermal insulation.
- Water and oil repellent.
- A great alternative to leather driving gloves.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.


Granberg®

Standards:	EN 420, 388:2003, 407, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Nitrile
Liner:	Jersey fleece
Colour:	Blue
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.4272W



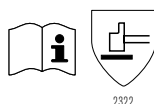
ASSEMBLY GLOVES EX®

MacroSkin Pro® with Spandex® back and Velcro closure, unlined

- A rugged work glove that can hardly wear out.
- Reinforced palm and fingertips.
- Soft and supple wrist end made of the elastic neoprene.
- Good breathability.
- Adjustable Velcro closure at the wrist.
- Machine washable. Drip dry.

Suitable for: Rough work, e.g. for offshore usage | Iron fixing | Sawmill work.

Design protected by patents.


EX®
BY GRANBERG

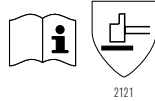
Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Grey, Green
Thickness:	
Length:	23-25 cm
Weight:	
Packaging:	Pair (12/120)
Art:	120.1118



ASSEMBLY GLOVES EX®

MacroSkin Pro® with Spandex® back and Velcro closure, high visibility back

- Reinforced palm and fingertips.
- Breathable and wear resistant.
- Knuckle protection on the back.
- Machine washable. Drip dry.



2121

NEW!

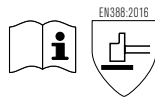


ASSEMBLY GLOVES EX®

MacroSkin Pro® with silicone print, nylon back, unlined

- Ideal for work that requires enhanced grip.
- Comfortable and fitted.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control, etc.



2131X

NEW!

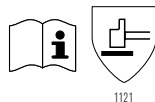


ASSEMBLY GLOVES

MacroSkin Pro® with nylon back, unlined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/Control | Gardening | Retail



1121

NEW!

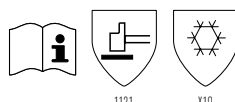


ASSEMBLY WINTER GLOVES

MacroSkin Pro® with nylon back, winter lined.

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use | Gardening | Retail



1121

X10



BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Green
Thickness:	
Length:	23-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	120.1124

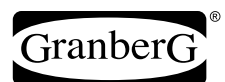


BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	MacroSkin Pro®/Silicone (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair 12/144
Art:	120.4271



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4281

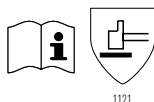


Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4282

NEW!**ASSEMBLY GLOVES****MacroSkin Pro® with nylon back with Velcro closure, unlined**

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control | Gardening | Retail

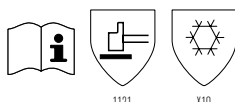


1121

NEW!**ASSEMBLY WINTER GLOVES****MacroSkin Pro® with nylon back with Velcro closure, winter lined**

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use | Gardening | Retail



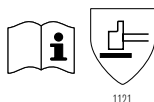
1121

X10

**ASSEMBLY GLOVES EX®****MacroSkin Pro® with nylon back, unlined**

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control, etc.

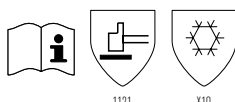


1121

**ASSEMBLY WINTER GLOVES EX®****MacroSkin Pro® with nylon back, winter lined.**

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.



1121

X10

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4283

GranberG®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4284

EX®
BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4291

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4292W

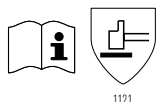


ASSEMBLY GLOVES EX®

MacroSkin Pro® with nylon back with Velcro closure, unlined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control, etc.



1121

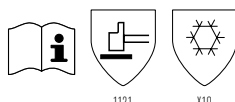


ASSEMBLY WINTER GLOVES EX®

MacroSkin Pro® with nylon back with Velcro closure, winter lined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.



1121

X10



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4293



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4294W

Your hands come without
any spare parts.

Make sure they
last a lifetime ...



PRO-FIT®

BY GRANBERG

PRO-FIT®

BY GRANBERG



Oeko-Tex® 100 approved

Extremely flexible (15 gauge)

Exceeding EN 388 abrasion requirements
for level 4 (highest level) by more than
three times: 25.000 cycles!

Read more about **114.0550** on page 29.



PRO-FIT®

CLASSICS

BY GRANBERG

Oeko-Tex® 100 approved

Flexible and soft (15 gauge)

Exceeding EN 388 abrasion requirements
for level 4 (highest level) by more than
three times: 25.000 cycles!

Read more about **114.0933** on page 30.

PRO-FIT® SUPERFLEX®

BY GRANBERG



Oeko-Tex® 100 approved

Extremely flexible (18 gauge)

Exceeding EN 388 abrasion requirements
for level 4 (highest level) by more than
three times: 25.000 cycles!

Read more about **114.0766** on page 30.



PRO-FIT®

BY GRANBERG

TOUCHSCREEN COMPATIBLE!

Oeko-Tex® 100 approved

Extremely soft (15 gauge)

Exceeding EN 388 abrasion requirements
for level 4 (highest level) by more than
three times: 25.000 cycles!

Read more about **114.0944** on page 31.

NEW!





CUT RESISTANT GLOVES & ARMGUARDS

HIGHLY RESISTANT MATERIALS



No material met our needs, so we invented one that does. Kozane® is an innovative high-tech material with greater cut, abrasion and slash resistance than any other textile or fabric in its class. Yet it is soft and flexible enough to be made into protective clothing that won't make you feel like you're wearing a suit of armour. Kozane® Soft Armour Textile is a product developed and produced by Granberg.

TYPHOON

Typhoon® is an extremely strong (yield strength) fibre combination characterized by the highest level of cut resistance. The technological solutions applied have yielded a fibre combination consisting of high molecular weight polyethylene, glass fibre and elastane/spandex.

Typhoon® is light, 10 to 15 times stronger than steel (per unit weight) and up to 40% stronger than aramid fibres.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Impact resistant	Chemical resistant	Oil repellent	Coated	Winter lined	Velcro closure	Seamless	More
113.1023								Flame/Heat resistant, Natural leather
115.5501	•		•	•			•	
115.9001	•							High visibility
115.9002	•				•			Waterproof, High visibility
115.9006	•							High visibility
115.9007	•		•	•			•	High visibility
115.9011	•	•	•				•	
115.9012	•	•	•				•	
116.0995				•			•	
116.455						N/A		Steel mesh gloves
116.460						N/A		Steel mesh gloves with cuff
116.505							•	Extra long, Food approved
116.506					•		•	Extra long, Food approved
116.540				•			•	
116.541				•			•	
116.548			•	•			•	
116.549			•	•			•	Fully coated
116.559				•			•	Heat/Flame resistant
116.560				•			•	
116.561				•			•	Extra long
116.575			•	•			•	High visibility
116.580				•	•		•	
116.8150		•					•	Extra long
119.2203						•		Natural leather
703-01							•	Kozane® Arm Guard

CUT RESISTANCE APPROVAL

There are several requirements to be fulfilled and tests to pass before a glove qualifies as cut resistant. Want to know more about it? Check page 112.

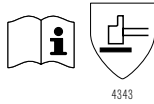


CUT RESISTANT GLOVES

Typhoon® fibre with polyurethane coating

- Especially abrasion and tear resistant.
- Great protection against cuts and punctures.
- Fitted with great touch sensitivity.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Assembly work with extremely high requirements to abrasion resistance and where there is great risk of cut injuries.



4343

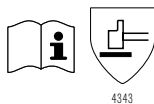


CUT RESISTANT GLOVES

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4343

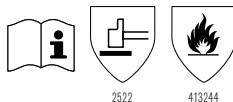


CUT AND HEAT RESISTANT GLOVES

Goatskin, fully Kevlar® lined

- Soft and strong goatskin leather provides excellent dexterity and touch sensitivity.
- Very comfortable and fitted.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Stitched-in 100% full Kevlar® lining protects hands from cuts.
- Sewn with Kevlar® threads.

Suitable for: Construction | Automotive manufacturing | Oil and gas | Assembly.



2522

413244



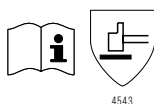
CUT AND IMPACT PROTECTIVE GLOVE

Typhoon® fibre with nitrile foam coating

- Designed for optimal ergonomics, very comfortable heavy-duty gloves.
- Typhoon® provides excellent cut 5 protection.
- Soft but powerful impact protective details on back of hand.
- Abrasion-resistant nitrile foam coated palm provides excellent wet and dry grip.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Trawlers | Mining industry and related industries with very high demands for hand protection.

Design protected by patents.



4543



reddot design award 2016
winner

CUT RESISTANT GLOVES



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	White
Thickness:	
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.540



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	Black
Thickness:	
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.541



Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	8 9 10 11 13
Material:	Goatskin
Liner:	Kevlar® (Fully lined)
Colour:	White
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/72)
Art:	113.1023



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Nitrile
Liner:	Typhoon®
Colour:	Black, Grey
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/36)
Art:	115.5501



reddot design award 2015
winner

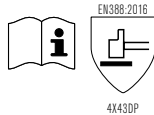
CUT AND IMPACT PROTECTIVE GLOVES

Durable KR-Grip™ material in palm and fingers

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- High visibility colours for increased safety.
- Designed for optimal ergonomics.
- Neoprene cuff provides comfort and wrist protection.
- Excellent breathability.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions for oil and gas drilling, extraction and refining | Shipping | Trawlers | Mining | Demolition | Rigging | Heavy construction | Tool pushing etc.

Design protected by patents.

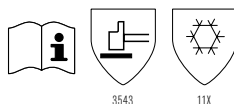


CUT AND IMPACT PROTECTIVE WINTER GLOVES

Durable KR-Grip™ material in palm and fingers, waterproof, winter lined

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- Designed for optimal ergonomics.
- Waterproof ProTex® membrane with excellent breathability.
- Warm Fleece lining.
- Neoprene cuff provides comfort and wrist protection.
- Excellent breathability.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Trawlers | Mining industry and related industries with very high demands for hand protection.



Design protected by patents.



reddot design award 2015
winner

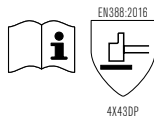
CUT AND IMPACT PROTECTIVE GLOVES

Durable KR-Grip™ material in palm and fingers

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- High visibility colours for increased safety.
- Nylon mesh on back of hand provides excellent breathability for hot climate.
- Neoprene cuff provides comfort and wrist protection.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Rescue and extrication | Trawlers | Mining industry and related industries with very high demands for hand protection.

Design protected by patents.



CUT AND IMPACT PROTECTIVE GLOVES

Typhoon® fibre with nitrile coating, oil resistant

- Flexible. Comfortable heavy-duty gloves.
- Typhoon® provides excellent cut 5 protection.
- Powerful impact protective details on back of hand.
- Impact details designed for optimum ergonomics.
- Abrasion-resistant sandy nitrile palm coating provides exceptional grip.

Suitable for: Extreme working conditions for oil and gas drilling, extraction and refining | Mining | Demolition | Rigging | Heavy construction | Tool pushing etc.

Design protected by patents.



Granberg®

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Green, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9001

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Jersey fleece
Colour:	Black, Orange, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9002

Granberg®

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	White, Black, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9006

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Typhoon®
Liner:	Typhoon®
Colour:	Black, Grey, Green, Yellow
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9007



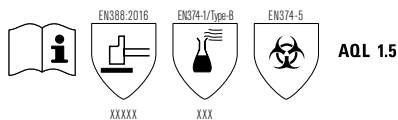
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 39 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.



NEW!



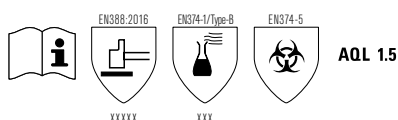
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 32 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.

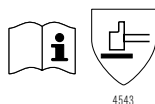


CUT RESISTANT GLOVES

Mixed fibres and polyurethane coating

- Highly durable.
- Excellent protection against cuts and punctures.
- Good touch sensitivity.
- Economical version.

Suitable for: Assembly work with high requirements to abrasion resistance and where there is risk of cut injuries.

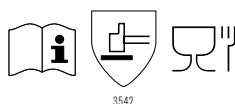


CUT RESISTANT INNER GLOVES

Typhoon®/Mixed fibres

- Durable.
- Highly recommended as a cut-resistant liner gloves with single-use gloves and reusable gloves.
- Provides cut resistance barrier as well as finger sensitivity.
- Ambidextrous.
- Sold in pieces.

Suitable for: Use in meat industries, catering, fish processing industries and other food industries where knives or other sharp objects are handled.



Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9011

Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9012

PROTECTOR®
BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Mixed fibre
Colour:	Black, Grey
Thickness:	
Length:	23-24 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.0995

PROTECTOR®
BY GRANBERG

Standards:	EN 420, 388:2003, 1186
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Typhoon®/Mixed fibre
Liner:	
Colour:	Grey
Thickness:	
Length:	21-28 cm
Weight:	
Packaging:	Piece (200)
Art:	116.505

NEW!

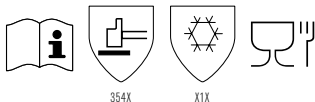


CUT RESISTANT WARM INNER GLOVES

Typhoon®/Mixed fibres

- Provides warm insulation.
- Highly recommended as a cut resistant liner glove with single-use gloves and reusable gloves.
- Cut resistance barrier combined with finger sensitivity.
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Ambidextrous.
- Does not contain silicone.

Suitable for: Cold environments | Use in meat industries, catering, fish processing industries and other food industries where knives or other sharp objects are handled.



CUT RESISTANT GLOVES

Typhoon® fibre with nitrile coating, oil resistant

- Especially abrasion and tear resistant.
- Great protection against cuts and punctures.
- Fitted with great touch sensitivity.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Assembly work with extremely high requirements to abrasion resistance and where there is great risk of cut injuries.

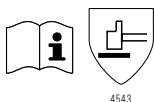


CUT RESISTANT GLOVES

Typhoon® fibre, fully coated with nitrile foam. Dotted palm

- Highly durable.
- Provides high cut resistance.
- Lycra® in the liner as well as the elastic nitrile foam coating provide outstanding flexibility and fit.
- Designed for dry and oily environments.

Suitable for: Use in areas with high risk for cuts and for users who prefer 360° coating | Handling of glass sheets, sharp-edged objects | Assembling metal parts and components | Cutting of dry or oiled parts.

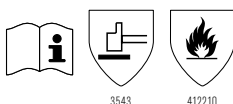


CUT RESISTANT AND FLAME RETARDANT GLOVES

Patented neoprene coating

- Durable.
- Flame and cut resistant liner made of mixed Kevlar®, aramid, glass and polyester yarns.
- Neoprene coating ensures great dry grip and sound wet grip.
- Certified with ASTM F2675 / F2675M - 13 Standard for determining arc ratings of hand protective products.

Suitable for: Oil and gas industry | Petrochemical | Utilities | Mining industry | Construction | Metal industry | Glass handling.



Standards:	EN 420, 388:2003, 511, 1186
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Typhoon®/Mixed fibre
Liner:	
Colour:	Blue
Thickness:	
Length:	33 cm
Weight:	
Packaging:	Pair (6/72)
Art:	116.506



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Typhoon®
Colour:	Black, Grey
Thickness:	
Length:	23-24 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.548



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Nitrile
Liner:	Typhoon®/Lycra®
Colour:	Black, Grey
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.549



Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Neoprene
Liner:	Kevlar®/Glass/Aramid/Polyester
Colour:	Black, Green
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/60)
Art:	116.559

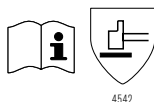


CUT RESISTANT GLOVES

Typhoon® fibre with polyurethane coating

- Highly durable. Soft and flexible gloves with long life.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Assembly work with high requirements to pliability and where there is high risk of injury from cuts.



4542

NEW!

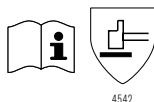


CUT RESISTANT GLOVES

Typhoon® fibre with polyurethane coating

- Preferred choice for police and security personell – black colour and no external markings.
- Extended cuff protects forearm from cuts.
- Soft and flexible gloves with long life.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Police | Security Personell | Assembly work with high risk of injury from cuts.



4542

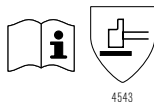


CUT RESISTANT GLOVES

Typhoon® fibre with sandy nitrile coating. Yellow Hi-Viz™ colour

- Distinguished. Bright fluorescent yellow colour makes these gloves easily visible even in dim light.
- Very comfortable gloves with good wet grip and excellent dry grip.
- Rejects oil and grease.
- Highly durable. Soft and flexible gloves with long life.

Suitable for: Use in areas with high risk of cuts and high standards of visibility.



4543

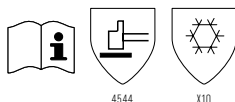


CUT RESISTANT WINTER GLOVES

Typhoon® fibre with sandy nitrile coating

- Highly durable. Soft and flexible gloves with long life.
- Very comfortable and warm gloves with good grip.
- Brushed acrylic interior that provides warmth almost on par with wool.

Suitable for: Use in cold environments with a high risk of cuts.



4544

X10



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	Black, Grey
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.560



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	116.561



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Nitrile
Liner:	Typhoon®
Colour:	Black, Yellow
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.575



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Nitrile
Liner:	Typhoon®/Acrylic flannel
Colour:	Blue, Black
Thickness:	
Length:	25-29 cm
Weight:	
Packaging:	Pair (12/48)
Art:	116.580



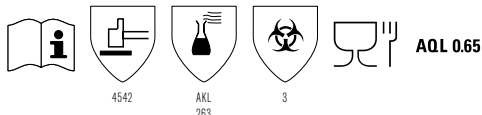
CUT AND CHEMICAL RESISTANT VINYL/PVC GLOVES

Gauntlet version on cotton/Lycra® liner with Typhoon® insert

- Highly durable.
- Comfortable. Soft, seamless cotton/Lycra® liner.
- With Typhoon® insert assuring the glove achieve cut level 5.
- Outstanding grip in dry, wet and oily conditions.
- Special double-dipped vinyl/PVC coating.
- REACH compliant.

Suitable for: Fishing industry and other industries where there is high risk of injury from cuts | Refining – Oil & Petrol | Handling acids, caustics and solvents | Petrochemicals | Public utilities.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



Granberg®

Standards:	EN 420, 388:2003, 374, 1186
Category:	CE Cat. III
Sizes:	9 10 11 12
Material:	Vinyl/PVC
Liner:	Nylon/Lycra®
Colour:	Black, Green
Thickness:	
Length:	35 cm
Weight:	
Packaging:	Pair (6/60)
Art:	116.8150

NEW!



TACTICAL GLOVES

Goatskin, palm Kevlar® lining

- Full Kevlar® lining in palm and fingers protects from cut and heat injuries.
- Seamless fingertips for optimal comfort and safety.
- Goatskin leather provides excellent touch sensitivity.
- Very comfortable and fitted.
- Breathable nylon mesh on back keeps hands cool and dry.
- Soft padding secures knuckles and fingers.
- Rubber puller for easy donning.
- A rubber pull tab make gloves easy to pull on and remove.
- Sewn with Kevlar® threads.

Suitable for: Law enforcement | Military | Special forces | Police | Security



Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Goatskin (Palm) Nylon, Synthetic leather (Back)
Liner:	Kevlar® (Palm lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	119.2203

NEW!



STEEL MESH GLOVES

Stainless steel, without cuff

- Highest cut resistance.
- High durability and flexibility.
- Ambidextrous.
- Adjustable plastic strap with size identification by colour.
- Hygienic and easily sanitized.

Suitable for: Abattoirs | Meat and fish processing | Oyster farming | Textile and apparel cutting operations, etc.



PROTECTOR®
BY GRANBERG

Standards:	EN 420, 1082-1:1996, FDA 21CFR
Category:	CE Cat. III
Sizes:	S M L
Material:	Steel
Liner:	
Colour:	Silver
Thickness:	
Length:	33 cm
Weight:	
Packaging:	Piece (1)
Art:	116.455

NEW!



STEEL MESH GLOVES

Stainless steel, with 8 cm cuff

- Highest cut resistance.
- High durability and flexibility.
- Longer cuff for increased safety.
- Ambidextrous.
- Adjustable plastic strap with size identification by colour.
- Hygienic and easily sanitized.

Suitable for: Abattoirs | Meat and fish processing | Oyster farming | Textile and apparel cutting operations, etc.



PROTECTOR®
BY GRANBERG

Standards:	EN 420, 1082-1:1996, FDA 21CFR
Category:	CE Cat. III
Sizes:	S M L
Material:	Steel
Liner:	
Colour:	Silver
Thickness:	
Length:	
Weight:	
Packaging:	Piece (1)
Art:	116.460

NEW!



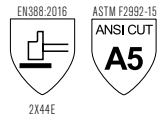
ARM GUARD

Made of Kozane®

- Kozane® is an innovative high-tech material with greater cut, abrasion and slash resistance than any other textile or fabric in its class.
- Tested and approved according to EN 388:2016, Cut Test ASTM F 2992-15 and HOSDB Slash Resistance Standard UK Police (2006) Publication 48/05.
- Softness and flexibility allow complete freedom of action.
- Breathable and suitable in contact with skin.
- Ergonomic design.
- Adjustable Velcro on the wrist and arm to stay firmly in place.
- Neoprene thumb loop.
- Washable at 60°C.

Suitable for: Military | Police | Prisons | Private security companies | Ambulance personnel | Law enforcement | Special forces

Available in black.



Patent pending.



Standards: EN 388:2016, ASTM F2992-15, HOSDB (2006)	
Category:	
Sizes:	M L XL XXL
Material:	Kozane®
Liner:	Unlined
Colour:	Silver
Thickness:	
Length:	48 cm
Weight:	
Packaging:	One Piece
Art:	703-01

FEARLESS PERFORMANCE®

People sleep peacefully in their beds at night only because brave people stand watch on their behalf. Granberg has always focused on those who do not just occasionally step outside of their comfort zone, but who *live* outside of it. We look after those individuals and select groups who keep the comfort zone safe for the rest of us.

Adventurers, experts, craftsmen – they all rely on protection in some form to get to where they want to go and do what needs to be done. Whatever their purpose, our mission is to help them get the job done safely. We are outfitters, armourers, shieldmakers. We are the last stop before the frontier.

We are Granberg®



IMPACT RESISTANT GLOVES



JUST THE SAME BUT DIFFERENT?
Use this to compare product properties.

Art.no	Glove fit			Cut resistant	Chemical resistant	High visibility	Grip type				More
	Tight	Normal	Loose				Coated	Dry	Wet	Oil	
115.5501	•			•			•	•	•		Seamless
115.9001		•		•		•		•	•	•	
115.9002		•		•		•		•	•	•	Waterproof, Winter lined
115.9006		•		•		•		•	•	•	For hot working conditions
115.9007	•			•		•	•	•	•	•	Seamless
115.9011			•	•	•			•	•	•	Extra long, Waterproof
115.9012			•	•	•			•	•	•	Waterproof



red*dot* design award

Two years in a row, Granberg received the Red Dot Design Award. The award-winning products are included in our impact protection product category.



115.9001
GRANBERG®



115.9002
GRANBERG®



115.5501
GRANBERG®

IF YOUR WORK REQUIRES MORE OF YOU, YOU SHOULD REQUIRE MORE OF YOUR GLOVES

Impact protection gloves have an extensive area of use.

.....

TRANSPORT OFFSHORE
LAW ENFORCEMENT
MAINTENANCE
DRILLING
RAILROAD
CONSTRUCTION
MINING
AUTOMOTIVE
STEEL&METAL
SHIPPING



reddot design award 2016
winner

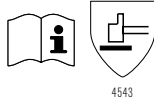
CUT AND IMPACT PROTECTIVE GLOVE

Typhoon® fibre with nitrile foam coating

- Designed for optimal ergonomics, very comfortable heavy-duty gloves.
- Typhoon® provides excellent cut 5 protection.
- Soft but powerful impact protective details on back of hand.
- Abrasion-resistant nitrile foam coated palm provides excellent wet and dry grip.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Trawlers | Mining industry and related industries with very high demands for hand protection.

Design protected by patents.



reddot design award 2015
winner

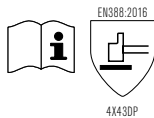
CUT AND IMPACT PROTECTIVE GLOVES

Durable KR-Grip™ material in palm and fingers

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- High visibility colours for increased safety.
- Designed for optimal ergonomics.
- Neoprene cuff provides comfort and wrist protection.
- Excellent breathability.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions for oil and gas drilling, extraction and refining | Shipping | Trawlers | Mining | Demolition | Rigging | Heavy construction | Tool pushing etc.

Design protected by patents.



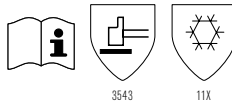
reddot design award 2015
winner

CUT AND IMPACT PROTECTIVE WINTER GLOVES

Durable KR-Grip™ material in palm and fingers, waterproof, winter lined

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- Designed for optimal ergonomics.
- Waterproof ProTex® membrane with excellent breathability.
- Warm Fleece lining.
- Neoprene cuff provides comfort and wrist protection.
- Excellent breathability.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Trawlers | Mining industry and related industries with very high demands for hand protection.



Design protected by patents.

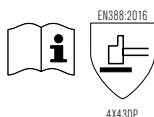
CUT AND IMPACT PROTECTIVE GLOVES

Durable KR-Grip™ material in palm and fingers

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- High visibility colours for increased safety.
- Nylon mesh on back of hand provides excellent breathability for hot climate.
- Neoprene cuff provides comfort and wrist protection.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Rescue and extrication | Trawlers | Mining industry and related industries with very high demands for hand protection.

Design protected by patents.



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Nitrile
Liner:	Typhoon®
Colour:	Black, Grey
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/36)
Art:	115.5501



Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Unlined
Colour:	Black, Green, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9001



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Jersey fleece
Colour:	Black, Orange, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9002



Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	White, Black, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9006



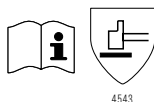
CUT AND IMPACT PROTECTIVE GLOVES

Typhoon® fibre with nitrile coating, oil resistant

- Flexible. Comfortable heavy-duty gloves.
- Typhoon® provides excellent cut 5 protection.
- Powerful impact protective details on back of hand.
- Impact details designed for optimum ergonomics.
- Abrasion-resistant sandy nitrile palm coating provides exceptional grip.

Suitable for: Extreme working conditions for oil and gas drilling, extraction and refining | Mining | Demolition | Rigging | Heavy construction | Tool pushing etc.

Design protected by patents.



4543

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Typhoon®
Colour:	Black, Grey, Green, Yellow
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9007



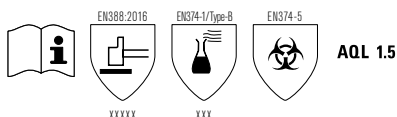
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 39 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.



Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair
Art:	115.9011

NEW!



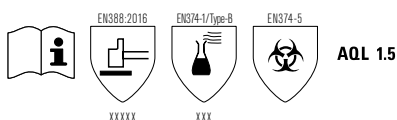
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 32 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.



Granberg®

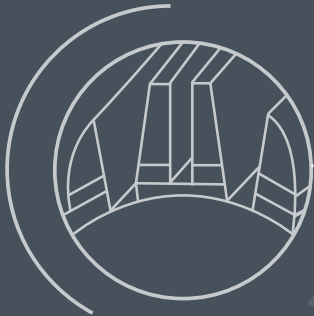
Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	9 9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair
Art:	115.9012



red dot award 2016
winner

Art. 115.5501

.....
WORLD
CLASS
DESIGN



EN 388 EN 420



NITRILE

TYPHOON®



NEW TECHNOLOGY
MAXIMUM
PERFORMANCE
AND COMFORT

Made for extreme working conditions!

- Designed for optimum ergonomics;
very comfortable and flexible heavy-duty gloves.
- Typhoon® provides excellent cut 5 protection.
- Soft but powerful impact protective details on
the back of the hand.
- Abrasion-resistant nitrile foam palm coating
provides excellent wet and dry grip.



ANTI-VIBRATION GLOVES

WHAT IS HAVS?

Hand-arm vibration syndrome (HAVS) is caused by vibration injuries from the use of hand-held vibrating tools. This may lead to permanent health problems such as numbness of fingers, muscle weakness or white fingers.

WHAT ARE THE SYMPTOMS?

Neurological symptoms

Tingling, numbness, reduced skin sensation, reduced fine motor skills, increased "clumsiness".

Vascular symptoms

Blanching of parts or all of the fingers (white fingers), sensitivity to cold.

Musculoskeletal symptoms

Tendonitis and stiffness/reduced dexterity in fingers, swollen and painful fingers.

PREVENT HAVS

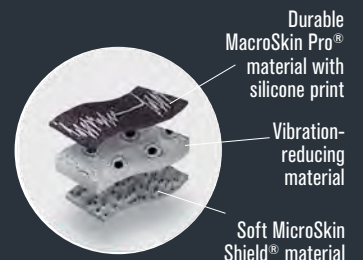
- Reduce the amount of time spent working with vibration tools.
- Use suitable low-vibration tools.
- Make sure cutting tools are kept sharp.
- Keep your hands warm and dry.
- Wear anti-vibration gloves.



107.4330 VIBRATION-REDUCING WORK GLOVES EX®

MacroSkin Pro® material with Spandex® back and Velcro closure, unlined.

- Reduces the risk of Hand-Arm Vibration Syndrome (HAVS).
- Approved according to Mechanical vibration and shock EN ISO 10819:2013 test.
- Provides protection at high frequencies combined with protection at a broad spectrum of frequencies.
- Special vibration-reducing material layer in the palm.
- Comfortable and flexible.





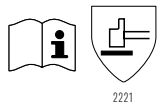
VIBRATION-REDUCING WORK GLOVES EX®

MacroSkin Pro® material with Spandex® back and Velcro closure, unlined

- Reducing the risk of Hand-Arm Vibration Syndrome (HAVS).
- Approved according to Mechanical vibration and shock EN ISO 10819:2013 test.
- Provides protection at high frequencies combined with protection at a broad spectrum of frequencies.
- Special vibration-reducing material layer in the palm.
- Comfortable and flexible.

Suitable for: Work using jackhammers, impact drills, impact wrenches, sanders, plate compactors, concrete saws and other vibrating tools.

Design protected by patents.



 BY GRANBERG	
Standards:	EN 420, 388:2003, EN 10819:2013
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	
Colour:	Black, Grey
Thickness:	
Length:	24 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.4330

YOUR
SAFETY
IS OUR CONCERN

Are you safe?



HEAT & FLAME RESISTANT GLOVES

THE EN 407 STANDARD

This standard concerns protection against thermal risks (heat and/or fire). It includes six thermal tests:

Burning Behaviour

The fingers of the glove are exposed to a small gas flame. Classification is based on the behaviour of the glove during afterflame and afterglow time.

Contact Heat

The thermal insulation of the glove is measured by the rate of temperature rise of a calorimeter on the inside of the glove while the outer surface of the glove is placed in contact with a hot probe of defined dimensions and temperature.

Convective Heat

The thermal insulation of the glove is measured by the rate of temperature rise of a calorimeter on the inside of the glove while the outer surface of the glove is placed close to a controlled gas flame.

Radiant Heat

The thermal insulation of the glove is measured by the rate of temperature rise of a calorimeter on the inside of the glove while the outer surface of the glove is exposed to radiant heat of a defined flux density.

Small Molten Metal

The thermal insulation of the glove is measured by the rate of temperature rise of a calorimeter on the inside of the glove while drops of molten metal of a specified size impact the outer surface of the glove at a defined rate.

Large Molten Metal

The weight of molten metal required to cause smoothing or pinholing across a simulated skin placed directly behind the glove sample. The test is failed if metal droplets remain stuck to the glove material or if the specimen ignites.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Glove fit			Material			Liner material	More
	Tight	Normal	Loose	Length (cm)	Cow leather	Goatskin	Neoprene	
113.1023	•			23-26	•		Kevlar®	Cut resistant
114.3000	•			40			Acrylic flannel	Winter lined, Chemical resistant
116.559	•			24-28			Kevlar®, Polyester	Seamless, Cut resistant
119.2202	•				•		Kevlar®	Velcro closure, Abrasion resistant

EN 407:2004



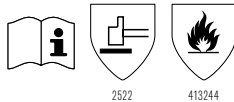


CUT AND HEAT RESISTANT GLOVES

Goatskin, fully Kevlar® lined

- Soft and strong goatskin leather provides the gloves excellent dexterity and touch sensitivity.
- Very comfortable and fitted.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Stitched-in 100% full Kevlar® lining protects hands from cuts.
- Sewn with Kevlar® threads.

Suitable for: Construction | Automotive manufacturing | Oil and gas | Assembly.



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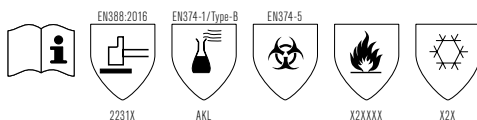


NEOPRENE CHEMICAL RESISTANT GLOVES

Warm acrylic liner

- Durable and comfortable.
- Retains its softness and elasticity even in cold environment.
- High chemical resistance.
- Contact heat resistance up to 250°C for 15 seconds.

Contains latex.



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X2X

AQL 1.5

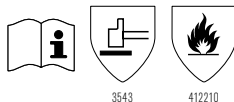


CUT RESISTANT AND FLAME RETARDANT GLOVES

Patented neoprene coating

- Durable.
- Flame and cut resistant liner made of mixed Kevlar®, aramid, glass and polyester yarns.
- Neoprene coating ensures great dry grip and sound wet grip.
- Certified with ASTM F2675 / F2675M - 13 Standard for determining arc ratings of hand protective products.

Suitable for: Oil and gas industry | Petrochemical | Utilities | Mining industry | Construction | Metal industry | Glass handling.



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NEW!

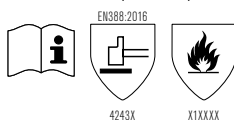


FAST-ROPE TACTICAL GLOVES

Goatskin, palm Kevlar® lining

- Full Kevlar® lining in palm and fingers protects from heat and cuts.
- Seamless fingertips for optimal comfort and safety.
- Goatskin leather provides excellent touch sensitivity.
- Leather reinforcements in palm follow the palmar flexion creases and provide greater rappelling control.
- Very comfortable and fitted.
- Breathable nylon mesh on back of hand keeps hands cool and dry.
- Soft padding secures knuckles and fingers.
- A rubber pull tab makes gloves easy to pull on and remove.
- Velcro closure on wrist.

Suitable for: Working at height | Rope rescue | Fast rope operations | Law enforcement | Military | Special forces | Police | Security



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Design protected by patents.

Granberg®

Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	8 9 10 11 13
Material:	Goatskin
Liner:	Kevlar® (Fully lined)
Colour:	White
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/72)
Art:	113.1023

Granberg®

Standards:	EN 420, 388:2016, 374:2016, 407, 511
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Neoprene
Liner:	Acrylic flannel
Colour:	Black
Thickness:	
Length:	40 cm
Weight:	
Packaging:	Pair (6/96)
Art:	114.3000

PROTECTOR®
BY GRANBERG

Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Neoprene
Liner:	Kevlar®/Glass/Aramid/Polyester
Colour:	Black, Green
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/60)
Art:	116.559

Granberg®

Standards:	EN 420, 388:2016, 407
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Goatskin (Palm) Nylon Synthetic leather (Back)
Liner:	Kevlar® (Palm lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	119.2202



WELDING & ARGON GLOVES

PROTECTIVE GLOVES FOR WELDERS

The EN 12477:2001 standard

This standard applies to protective gloves for use in manual metal welding, cutting and allied processes. It includes reference to EN 420, EN 388 and EN 407 requirements.

Type A: Lower dexterity and higher performance for physical characteristics. This type is recommended for all welding operations where a higher level of protection would be needed. It is not recommended for TIG* welding.

Type B: Higher dexterity and lower physical performance. This type is recommended for TIG* welding.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Glove fit			Material			Liner material	More
	Tight	Normal	Loose	Length (cm)	Cow leather	Goatskin	Neoprene	
103.4230K			•	26-29	•		Cotton fleece	
104.2560			•	33	•		Cotton fleece	
105.1690K			•	35	•		Cotton fleece	
106.1690K			•	31-35	•		Cotton fleece	
106.1691K			•	40	•		Cotton fleece	Extra long
106.3600K	•			35		•		Argon gloves
106.3700K	•			29-32		•		Argon gloves
004.1692					•		Kevlar®	Heat Reflective Hand Shield

MINIMUM PERFORMANCE REQUIRED FOR APPROVAL ACCORDING TO THE EN 12477:2001 STANDARD:

REQUIREMENTS	STANDARD	TYPE A	TYPE B
Abrasion resistance	EN 388	Level 2	Level 1
Blade cut resistance	EN 388	Level 1	Level 1
Tear resistance	EN 388	Level 2	Level 1
Puncture resistance	EN 388	Level 2	Level 1
Burning behaviour	EN 407	Level 3	Level 2
Contact heat resistance	EN 407	Level 1	Level 1
Convective heat resistance	EN 407	Level 2	-
Resistance to small splashes of molten metal	EN 407	Level 3	Level 2
Dexterity	EN 420	Level 1	Level 4

* TIG welding (tungsten inert gas) is an arc welding process that uses a non-consumable tungsten electrode to produce the weld.

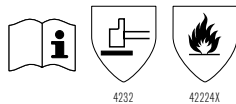


WELDING GLOVES

A-grade cow grain leather, fully lined

- Made for durability and long-lasting comfort.
- Designed with thumb base area reinforcement.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: Heavy-duty engineering work | Welding | Mechining | Grinding, etc.

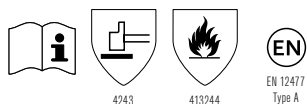


WELDING GLOVES

Cow split leather, fully lined

- Comfortable.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: Welding | Cutting | Grinding, etc.

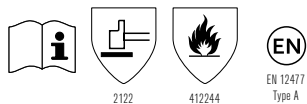


WELDING GLOVES

A-grade cow grain leather, fully lined

- Comfortable and soft.
- Designed with thumb base area reinforcement.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: Varied welding in steel, aluminum and other metals.

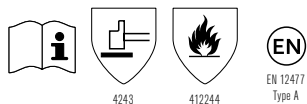


WELDING GLOVES

A-grade cow split leather, fully lined

- Sturdy, long-life welding gloves.
- Designed with thumb base area reinforcement.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: Varied welding in steel, aluminium and other metals | Cutting | Grinding, etc.



Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	9 10.5
Material:	Cow grain
Liner:	Cotton fleece (Fully lined)
Colour:	White, Brown
Thickness:	1,4-1,6 mm
Length:	26-29 cm
Weight:	
Packaging:	Pair (6/60)
Art:	103.4230K



Standards:	EN 420, 388:2003, 407, 12477
Category:	CE Cat. II
Sizes:	10
Material:	Cow split
Liner:	Cotton fleece (Fully lined)
Colour:	Green
Thickness:	1,0-1,3 mm
Length:	33 cm
Weight:	
Packaging:	Pair (6/60)
Art:	104.2560



Standards:	EN 420, 388:2003, 407, 12477
Category:	CE Cat. II
Sizes:	10
Material:	Cow grain
Liner:	Cotton fleece (Fully lined)
Colour:	White, Brown
Thickness:	1,2-1,4 mm
Length:	35 cm
Weight:	
Packaging:	Pair (6/60)
Art:	105.1690K



Standards:	EN 420, 388:2003, 407, 12477
Category:	CE Cat. II
Sizes:	8.5 11 12
Material:	Cow split
Liner:	Cotton fleece (Fully lined)
Colour:	White, Yellow
Thickness:	1,2-1,4 mm
Length:	31-35 cm
Weight:	
Packaging:	Pair (6/60)
Art:	106.1690K

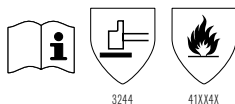


WELDING GLOVES

Cow split leather, fully lined

- Sturdy, long-life welding gloves.
- Extra long (40 cm).
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: Varied welding in steel, aluminium and other metals | Cutting | Grinding, etc.

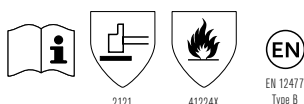


ARGON GLOVES

Goatskin, unlined

- Durable, wear resistant and soft.
- High touch sensitivity.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: TIG welding.

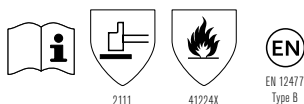


ARGON GLOVES

Goatskin, unlined

- Durable, wear resistant and soft.
- High touch sensitivity.
- Sewn with strong, heat-resistant Kevlar® thread.

Suitable for: TIG welding.



NEW!



HEAT REFLECTIVE ALUMINIZED HAND SHIELDS

Glove protection

- Significantly extends life of gloves.
- Recommended to be worn on Granberg welding gloves.
- Resistant to flame (EN 15025:2003).
- Reflects heat and resists sparks and spatter.
- Kevlar® layer inside for added protection.

Suitable for: Varied welding.

Gloves are not included.



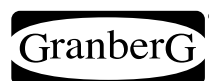
Standards:	EN 420, 388:2003, 407
Category:	CE Cat. II
Sizes:	10
Material:	Cow split
Liner:	Cotton fleece (Fully lined)
Colour:	Red
Thickness:	1,2-1,4 mm
Length:	40 cm
Weight:	
Packaging:	Pair (6/60)
Art:	106.1691K



Standards:	EN 420, 388:2003, 407, 12477
Category:	CE Cat. II
Sizes:	9 10
Material:	Goatskin
Liner:	Unlined
Colour:	White, Yellow
Thickness:	0,9-1,0 mm
Length:	35 cm
Weight:	
Packaging:	Pair (12/120)
Art:	106.3600K



Standards:	EN 420, 388:2003, 407, 12477
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Goatskin
Liner:	Unlined
Colour:	Blue, White
Thickness:	0,9-1,0 mm
Length:	29-32 cm
Weight:	
Packaging:	Pair (12/120)
Art:	106.3700K



Standards:	EN 15025:2003
Category:	CE
Sizes:	One size
Material:	Cow grain, Kevlar®
Liner:	
Colour:	Silver
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/72)
Art:	004.1692

OUR BRANDS



GRANBERG®

Genuine. Our very own brand. Developed through years of experience and still making history. A wide selection of gloves for the job at hand. An ever-evolving brand, from regular protection to the latest innovations in fabrics and materials.



EX®

Exemplary. Identify your gloves easily, and enjoy the feeling wearing them. EX® gloves are highly recognisable and high performance protective gloves. It uses chromium-free synthetic leather for an exclusive feeling and Hi-Viz green colour for extra visibility. EX® is an excellent choice.



CHEMSTAR®

Harmony. Hand and glove in perfect chemistry. Let your hand be the star and let Chemstar® support it. Chemstar® is the best choice for protection against chemical agents. For no risk, no exposure and no chance for chemical endangerment; remember Chemstar®. Available both as single-use and reusable gloves.



PROTECTOR®

Shield. Do your hands work in harsh settings? Is your job a dangerous and risky operation? Protector® provides extreme durability and the best cut resistance in its class. With these gloves on, you are safe even in the toughest of conditions. In a rough environment, you don't need heavy armour gauntlets, the job will get done safely with Protector®.



PRO-FIT®

Genuine. Our very own brand. Developed through years of experience and still making history. A wide selection of Embrace. Pro-fit® provides a superb grip, tactile sensitivity, comfort and protection for a true multi-tasker. Highly durable and resistant, and yet still remains friendly to your skin and the environment. Get a grip on the situation with Pro-fit®.



MAGIC TOUCH®

Enchanting. The glove that's soft, sensitive, and smooth as silk. It makes every detail come alive. Magic Touch® comes in thin powder-free nitrile for that extra sensitive touch. A wide range of features helps you find just the right glove. When you need magic through your fingertips; it's an easy choice, it's Magic Touch®!



BLACK DIAMOND®

Resilient. Brute force, fine craftsmanship, authenticity and integrity, that is our Black Diamond®. Thanks to its liquid-repellent coating, our Black Diamond® fights off water and oils with ease. Work hard, protect harder with Black Diamond®.



BAMBOO®

Organic. Bamboo®, a gift from nature adapted to protect even the most sensitive skin. Softer than cotton, this glove lives and breathes inspiration in the workplace. A pleasure to touch and a joy to wear. The eco-friendly Bamboo® is a natural winner.



KOZANE®

Kozane® is an innovative high-tech material with greater cut, abrasion and slash resistance than any other textile or fabric in its class. Yet it is soft and flexible enough to make into protective clothing that won't make you feel like you're wearing a suit of armour.

Kozane® Soft Armour Textile - www.kozaneprotection.com



WINTER/ THERMAL GLOVES

THE EN 511:2006 STANDARD

When working in cold environments, the gloves you wear are just as important as the clothes you wear. It is essential to choose the right gloves to keep you warm and dry. Many of our thermal gloves are approved according to the EN 511:2006 standard. In terms of assessing thermal insulation characteristics there are three tests.

First, you test **CONVECTIVE COLD** – a test that is carried out by placing the glove on an electrically heated hand model and measuring the power required to maintain the hand at a temperature of between 30°C and 35°C when it is placed in a controlled environment.

Secondly, there is the **CONTACT COLD** test, which measures thermal insulation when the glove comes into contact with a solid cold object.

The third test measures how well the glove can **KEEP WATER OUT**. If the water does penetrate the glove within 30 minutes of exposure, it will fail.

Testing to EN 511:2006 also includes mechanical requirements based on the abrasion and tear resistance tests of EN 388 and the general requirements of EN 420.

EN 511:2006



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Chemical resistant	Waterproof	Cut resistant	Velcro closure	Use as inner glove	Liner	Glove fit			More
							Tight	Normal	Loose	
101.4295W				•		Cotton fleece	•			
101.9540						Synthetic		•		
101.9740						Acrylic fur			•	
103.4140						Synthetic			•	
103.4280				•		Cotton fleece		•		
107.4260						Acrylic fur			•	Mittens
107.4297W		•		•		Synthetic	•			
107.7114		•				Synthetic	•			
107.8112		•				Synthetic			•	
108.8080		•				Acrylic flannel	•			Seamless
108.8095						Acrylic flannel	•			Seamless
109.0400W						Acrylic flannel	•			Seamless
109.0400Y						Acrylic flannel	•			High visibility, Seamless
109.040LPW		•				Acrylic flannel	•			Water repellent, Seamless
109.229		•	•			Acrylic flannel	•			
110.0340					•		•			Seamless
110.0380							•			Seamless, PVC dots
113.1015						Cotton fleece	•			
113.1051		•				Synthetic	•			
114.0331						Acrylic flannel	•			Seamless
114.0488W						Brushed acrylic	•			Seamless
114.0630W		•	•			Synthetic	•			Oil repellent
114.3000		•	•			Acrylic flannel	•			Heat resistant, Oil repellent
114.4272W				•		Jersey fleece	•			Water/Oil repellent
115.9002		•	•			Jersey fleece	•			Impact protection, High visibility
116.506			•	•			•			Seamless
116.580			•			Acrylic flannel	•			
117.7000Y						Synthetic			•	High visibility
120.4282						Synthetic		•		
120.4284				•		Synthetic		•		
120.4292W						Synthetic		•		
120.4294W				•		Synthetic		•		



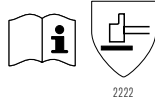
ASSEMBLY WINTER GLOVES

Pig grain leather with cotton back and Velcro closure, winter lined

- Ideal for work that requires precision and touch sensitivity.
- Provides thermal insulation.

Suitable for: Assembly/fine work in cold conditions.

Design protected by patents.



2222

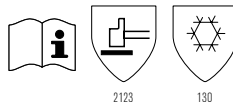


WORK WINTER GLOVES

Pig grain leather with rubberized cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

Suitable for: Outdoor work in building and construction, etc.



2123

130



WORK GLOVES

Pig grain leather with pasted cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.



WORK WINTER GLOVES

A-grade cow grain leather with rubberized cuff, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.

Suitable for: Outdoor work in cold environments within building and construction industry.



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Cotton fleece (Fully lined)
Colour:	White, Black
Thickness:	0,8-0,9 mm
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/120)
Art:	101.4295W



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	10 11 12
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Red, Beige
Thickness:	1,0-1,2 mm
Length:	28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	101.9540



Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 11
Material:	Pig grain (Palm) Cotton (Back)
Liner:	Acrylic fur (Fully lined)
Colour:	Black, Beige
Thickness:	1,0-1,2 mm
Length:	27-30 cm
Weight:	
Packaging:	Pair (6/60)
Art:	101.9740



Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 11 12
Material:	Cow grain (Palm) Cotton (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Blue, Beige
Thickness:	1,0-1,2 mm
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	103.4140



ASSEMBLY WINTER GLOVES

A-grade cow grain leather with Velcro closure, winter lined

- Durable. For tasks where wear resistance is a high priority.
- Provides good thermal insulation.



Granberg®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	8.5 10.5
Material:	Cow grain
Liner:	Cotton fleece (Fully lined)
Colour:	Beige
Thickness:	0.8-1.0 mm
Length:	24-26 cm
Weight:	
Packaging:	Pair (6/60)
Art:	103.4280



WORK WINTER GLOVES

Synthetic Anacord, winter lined

- Comfortable and flexible.
- Provides good thermal insulation.

Suitable for: Fork-lift driving | Work in freezer rooms, etc.



1322

110

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 10
Material:	Synthetic leather
Liner:	Acrylic fur (Fully lined)
Colour:	Black
Thickness:	0.9-1.1 mm
Length:	31 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.4260



ASSEMBLY WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane and Spandex® back, Velcro closure

- Provides protection against cold and moisture.
- Warm and soft liner inside the gloves.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Highly flexible.
- Excellent grip.
- Machine washable. Drip dry.

Suitable for: Assembly work and outdoor tasks in wet and/or cold weather.

Design protected by patents.



1221

X20

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black, Grey
Thickness:	
Length:	21-24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	107.4297W



ALL-ROUND WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane, neoprene back

- Provides protection against cold and moisture.
- Good grip and flexibility.
- Palm and thumb-base reinforcement.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Warm and soft fleece liner inside the glove.
- Machine washable. Drip dry.

Suitable for: Assembly work and other tasks in cold environments with high requirements to mobility, flexibility and grip.



1322

010

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Neoprene (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black, Grey
Thickness:	
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.7114

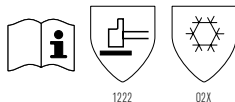


ALL-ROUND WINTER GLOVES EX®

MicroSkin Shield® material with ProTex® membrane, Spandex® back

- Flexibility and good grip.
- Provides protection against cold and moisture.
- Sewn-in thermal, waterproof and breathable ProTex® membrane.
- Warm and soft liner inside the gloves.
- Palm and thumb-base reinforcement.
- Reflectives around the cuff.
- Machine washable. Drip dry.

Suitable for: Assembly work and other tasks in cold environments with high requirements to mobility, flexibility and grip.



1222

02X

NEW!

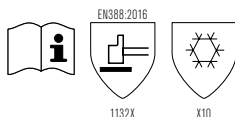


ASSEMBLY WINTER GLOVES

Double latex coating, waterproof

- Comfortable and durable.
- Coated with a thin layer of blue waterproof latex coating.
- Black sandy latex foam overrip ensures excellent wet, dry and oily grip.
- Good dexterity and fit.
- Provides good thermal insulation.

Suitable for: Construction business | Heavy duty work | Assembly of components | Shipping | Oil and gas industry | Cold Storage | Outdoor winter use.



EN388:2016

1132X

X10

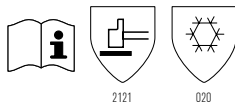


KNITTED WINTER GLOVES

Latex foam coating

- Flexible and comfortable.
- Good grip and long life-span.
- Provides good thermal insulation.

Suitable for: Building, handicraft and handling of goods in cold environments.



2121

020

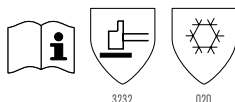


ASSEMBLY WINTER GLOVES BLACK DIAMOND, OEKO-TEX® 100 APPROVED

Special vinyl/PVC foam coating

- Durable.
- Outstanding dexterity and fit.
- Tested and approved for cold conditions.
- With Antiwet Coating.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Assembly work and jobs in wet, oily and cold conditions with no compromise on comfort, grip and abrasion resistance.



3232

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Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	8 9 10 11 12
Material:	MicroSkin Shield® (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	Black
Thickness:	
Length:	26-28 cm
Weight:	
Packaging:	Pair (6/60)
Art:	107.8112



Standards:	EN 420, 388:2016, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Latex
Liner:	Acrylic flannel (Fully lined)
Colour:	Blue, Black
Thickness:	
Length:	24-28 cm
Weight:	
Packaging:	Pair (12/144)
Art:	108.8080



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Latex
Liner:	Acrylic flannel
Colour:	Blue, Grey
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	108.8095

Black Diamond



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Black
Thickness:	
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400W

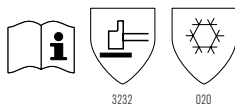


ASSEMBLY WINTER GLOVES BLACK DIAMOND

Special vinyl/PVC foam coating. Hi-Viz™ yellow colour

- Durable.
- Tested and approved for cold conditions.
- With Antiwet Coating.
- The vinyl/PVC coating technology is a patented process.

Suitable for: Assembly work and jobs in wet, oily and cold conditions where visibility is the highest priority.



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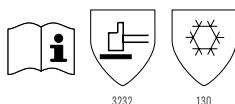


ASSEMBLY WINTER GLOVES BLACK DIAMOND

Fully coated with special vinyl/PVC foam coating, acrylic liner, water-proof

- Comfortable and durable.
- Outstanding dexterity and fit.
- The vinyl/PVC coating technology is a patented process.
- Provides very good thermal insulation.

Suitable for: Construction business | Heavy duty work | Assembly of components | Shipping | Oil and gas industry | Cold Storage | Outdoor winter use.



3232

130



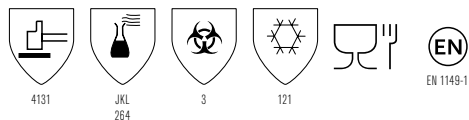
VINYL/PVC CHEMICAL RESISTANT WINTER GLOVES CHEMSTAR®

Removable acrylic flannel liner

- Highly durable.
- Comfortable and flexible.
- Remains soft in temperatures as low as - 20°C.
- Resistant to petrol, diesel and many chemicals.
- Liner can be washed/dried separately.

Suitable for: Fishermen | Cold storage work | Outdoor winter work.

May not be used in direct contact with fatty foods.
If working with fatty foods use Granberg® nitrile gloves.



4131

JKL

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EN 1149-1

AQL 0.65



KNITTED WINTER GLOVES

Thermolite® hollow-core fibre

- Wicks perspiration away from your skin while the inner layer of the glove remains warm and dry.
- Shrink-resistant, machine washable.
- High thermal insulation.

Suitable for: Commercial fishing | Refrigerated warehousing | Construction and regular outdoor utility work.

Thermolite® is a registered trademark of DuPont.



Black Diamond®



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Yellow
Thickness:	
Length:	24-27 cm
Weight:	
Packaging:	Pair (12/144)
Art:	109.0400Y

Black Diamond®



Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Black, Grey
Thickness:	
Length:	23-29 cm
Weight:	
Packaging:	Pair (6/72)
Art:	109.040LPW

CHEMSTAR®
BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 511, 1186, 1149-1
Category:	CE Cat. III
Sizes:	9 10
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Blue
Thickness:	
Length:	31 cm
Weight:	
Packaging:	Pair (10/60)
Art:	109.229

Granberg®

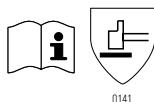
Standards:	EN 420
Category:	CE Cat. I
Sizes:	8.5 11
Material:	Thermolite®
Liner:	
Colour:	Blue
Thickness:	
Length:	23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	110.0340



KNITTED WINTER GLOVES

Acrylic cotton terry with PVC microdots

- Soft and warm. For use in cold conditions.
- Provides good touch sensitivity.



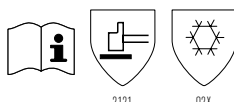
0141



ASSEMBLY WINTER GLOVES

Goatskin, fleece lined

- Goatskin leather is soft, flexible and touch sensitive.
- Goatskin has higher strength-to-weight ratio than cow grain leather.
- Strong leather makes the gloves very durable.
- Fleece lined for warmth and additional comfort.



2121

02X

NEW!

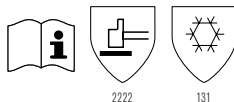


WORK WINTER GLOVES

Goatskin, wind- and waterproof

- Leather glove features combined with the benefits of ProTex® wind- and waterproof, breathable membrane.
- The sewn-in ProTex® membrane keeps hands warm and dry when working.
- Soft and durable goatskin in the palm and Spandex® on back of hand.
- Provides very good thermal insulation.

Suitable for: Construction | Heavy duty work | Shipping | Cold Storage | Outdoor winter use | Damp, windy, cold environments



2222

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NEW!

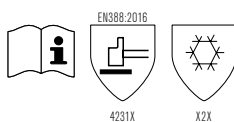


ASSEMBLY WINTER GLOVES

Sandy nitrile coating, knuckle dipped, acrylic liner

- High durability and abrasion resistance.
- Provides very good thermal insulation.
- Good dexterity and fit.
- Excellent wet, dry and oil grip.

Suitable for: Construction business | General assembly | Cold Storage | Outdoor winter use.



4231X

X2X

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	L XL
Material:	Acrylic cotton terry with vinyl/PVC dots
Liner:	
Colour:	Blue
Thickness:	
Length:	24-26 cm
Weight:	
Packaging:	Pair (12/240)
Art:	110.0380

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	Goatskin (Palm) Cotton (Back)
Liner:	Cotton fleece (Fully lined)
Colour:	White, Black
Thickness:	1,0-1,1 mm
Length:	24 cm
Weight:	
Packaging:	Pair (12/120)
Art:	113.1015

Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Goatskin (Palm) Spandex® (Back)
Liner:	Synthetic liner/ProTex® membrane (Fully lined)
Colour:	White, Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	113.1051

Granberg®

Standards:	EN 420, 388:2016, 511
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Acrylic flannel
Liner:	Acrylic flannel (Fully lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	114.0331

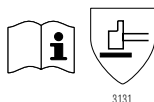


ASSEMBLY WINTER GLOVES

Special nitrile foam coating

- Durable.
- Warm, fitted and very comfortable.
- Warm brushed acrylic on inside, strong nylon outer shell.

Suitable for: Refrigerated display counter and cold storage rooms | Outdoor assembly | Inspections | Handling small parts.



3131

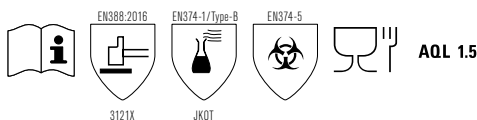


NITRILE CHEMICAL RESISTANT WINTER GLOVES

Winter lined

- Durable.
- Protection against cold and chemicals, diesel fuel, petrol and oil.
- Good anatomical fit applied for maximum comfort.
- 3-4 times longer life-span than equivalent vinyl/PVC gloves.

Suitable for: Direct contact with all types of foodstuffs | Fishing industry or work in wet and cold conditions.



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JKDT

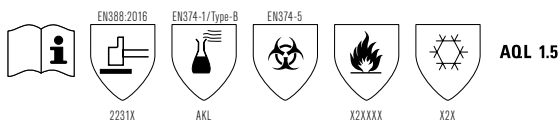


NEOPRENE CHEMICAL RESISTANT GLOVES

Warm acrylic liner

- Durable and comfortable.
- Retains its softness and elasticity even in cold environment.
- High chemical resistance.
- Contact heat resistance up to 250°C for 15 seconds.

Contains latex.



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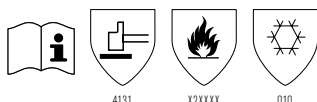


ASSEMBLY WINTER GLOVES

Full nitrile microfoam coating, fleece liner

- High durability, dexterity and tactile sensitivity.
- Resistant to contact heat up to 250°C for 15 seconds.
- Provides good thermal insulation.
- Water and oil repellent.
- A great alternative to leather driving gloves.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.



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Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Brushed acrylic
Colour:	Blue, Black
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.0488W

CHEMSTAR®
BY GRANBERG

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Synthetic liner
Colour:	Blue
Thickness:	Fleece+0,8 mm
Length:	30 cm
Weight:	
Packaging:	Pair (5/60)
Art:	114.0630W

Granberg®

Standards:	EN 420, 388:2016, 374:2016, 407, 511
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Neoprene
Liner:	Acrylic flannel
Colour:	Black
Thickness:	
Length:	40 cm
Weight:	
Packaging:	Pair (6/96)
Art:	114.3000

Granberg®

Standards:	EN 420, 388:2003, 407, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Nitrile
Liner:	Jersey fleece
Colour:	Blue
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.4272W



reddot design award 2015
winner



CUT AND IMPACT PROTECTIVE WINTER GLOVES

Durable KR-Grip™ material in palm and fingers, waterproof, winter lined

- Produced for extreme working conditions for oil and gas professionals.
- Powerful cut resistant insert in palm and cuff, exceeding EN 388 cut level 5.
- Powerful but soft impact protection on back of hand.
- Designed for optimal ergonomics.
- Waterproof ProTex® membrane with excellent breathability.
- Warm Fleece lining.
- Neoprene cuff provides comfort and wrist protection.
- Excellent breathability.
- Machine washable. Drip dry.

Suitable for: Extreme working conditions within oil and gas industry | Shipping | Trawlers | Mining industry and related industries with very high demands for hand protection.



Design protected by patents.

3543

11X

NEW!



CUT RESISTANT WARM INNER GLOVES

Typhoon®/Mixed fibres

- Provides warm insulation.
- Highly recommended as a cut resistant liner glove with single-use gloves and reusable gloves.
- Cut resistance barrier combined with finger sensitivity.
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Ambidextrous.
- Does not contain silicone.

Suitable for: Cold environments | Use in meat industries, catering, fish processing industries and other food industries where knives or other sharp objects are handled.



354X

X1X



CUT RESISTANT WINTER GLOVES

Typhoon® fibre with sandy nitrile coating

- Highly durable. Soft and flexible gloves with long life.
- Very comfortable and warm gloves with good grip.
- Brushed acrylic interior that provides warmth almost on par with wool.

Suitable for: Use in cold environments with a high risk of cuts.



4544

X10



WORK WINTER GLOVES

Hi-Viz™ yellow colour with reflectors

- Comfortable.
- Winter lining in Thinsulate-type material.
- Withstands low temperatures.
- Hi-Viz™ yellow colour for improved safety.

Suitable for: Building and construction work with high requirements to visibility and thermal insulation.



Granberg®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	KR-Grip™, MacroSkin Pro® (Palm) Spandex® (Back)
Liner:	Jersey fleece
Colour:	Black, Orange, Yellow
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9002

PROTECTOR®
BY GRANBERG

Standards:	EN 420, 388:2003, 511, 1186
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Typhoon®/Mixed fibre
Liner:	
Colour:	Blue
Thickness:	
Length:	33 cm
Weight:	
Packaging:	Pair (6/72)
Art:	116.506

PROTECTOR®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Nitrile
Liner:	Typhoon®/Acrylic flannel
Colour:	Blue, Black
Thickness:	
Length:	25-29 cm
Weight:	
Packaging:	Pair (12/48)
Art:	116.580

Granberg®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	10 11
Material:	Nitrile (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	White, Yellow, Silver
Thickness:	
Length:	27 cm
Weight:	
Packaging:	Pair (12/120)
Art:	117.7000Y

NEW!

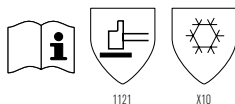


ASSEMBLY WINTER GLOVES

MacroSkin Pro® with nylon back, winter lined.

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use | Gardening | Retail



NEW!

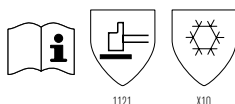


ASSEMBLY WINTER GLOVES

MacroSkin Pro® with nylon back with Velcro closure, winter lined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use | Gardening | Retail

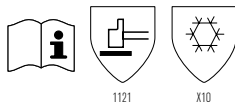


ASSEMBLY WINTER GLOVES EX®

MacroSkin Pro® with nylon back, winter lined.

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.

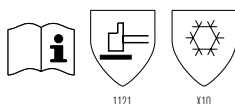


ASSEMBLY WINTER GLOVES EX®

MacroSkin Pro® with nylon back with Velcro closure, winter lined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.
- Provides good thermal insulation.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.



GranberG®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4282

GranberG®

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4284

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4292W

EX®
BY GRANBERG

Standards:	EN 420, 388:2003, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Synthetic liner (Fully lined)
Colour:	Black, Grey, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4294W



THERE IS ALWAYS
A NEED FOR
A GOOD PAIR OF
GLOVES





: KNITTED : GLOVES

ARE YOU SUFFERING FROM ECZEMA OR SENSITIVE SKIN?

Sweat and moisture can be a challenge for people who suffer from eczema and sensitive skin. They may benefit from using specially designed gloves, to be used on their own or as inner gloves.

We particularly recommend our Bamboo gloves, which feel like silk on a dry and cracked hand.

Bamboo viscose has allergy friendly features. These gloves will also absorb 2-3 times more moisture than a glove made from cotton.

Our Bamboo® gloves are available in both adult and kids' sizes.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Glove material				Dots	Seamless	Suits as liner glove	Washable	More
	Cotton	Synthetic	Bamboo	Lycra					
110.0155			•	•				•	Eczema Gloves, Children's size
110.0160			•	•				•	Eczema Gloves
110.0340							•	•	Winter gloves, Thermolite®
110.0353	•					•	•		
110.0356	•	•				•	•		
110.0364	•				•	•			Vinyl dots, Ambidextrous
110.0420	•						•		Unbleached, Knitted cuff
110.0450	•						•		Light and thin
110.0460	•						•		Extra thin, Knitted cuff
110.0461		•				•	•	•	
110.0470	•				•				Phthalates free vinyl dots
110.0475	•				•				Phthalates free vinyl dots
110.0483	•		•	•	•				Phthalates free vinyl dots
110.0484	•		•	•	•				Vinyl dots



TIP! Get soft hands over night

Treat your hands with a moisturizer (as fat as possible) before going to bed at night. Put our Bamboo gloves on and leave them on all night – you'll wake up with softer skin. Your hands will love you for this.

Repeat the process 1-2 times a week, especially during the cold winter.

FOR
CHILDREN

RECOMMENDED BY

THE NORWEGIAN
ASTHMA AND ALLERGY
ASSOCIATION**CHILDREN'S ECZEMA GLOVES BAMBOO®**

Skin-friendly, made of bamboo viscose fibre

- Many children suffer from eczema, which causes itching and discomfort of the hands. These super-soft children's gloves are made of skin-friendly bamboo and prevent the child from directly scratching the wound or the eczema, which will make the cream used to treat the affected area last longer.
- We have been working especially on developing gloves with a tailored fit for children and therefore offer gloves in five different children's sizes. This has been motivated by a desire that children experience as little inconvenience as possible while using the gloves during play and other activities, or during the night.
- These gloves can be washed at 60 °C and keep their great properties through repeated washing.



Standards:	
Category:	
Sizes:	1-2 3-4 5-6 7-8 9-10
Material:	Bamboo viscose/Lycra®
Liner:	
Colour:	White
Thickness:	
Length:	17-19 cm
Weight:	
Packaging:	Pair (12/240)
Art:	110.0155



RECOMMENDED BY

THE NORWEGIAN
ASTHMA AND ALLERGY
ASSOCIATION**ECZEMA GLOVES BAMBOO®**

Skin-friendly, made of bamboo viscose fibre

- Many adults suffer from eczema, which causes itching and discomfort of the hands. These super-soft gloves are made of skin-friendly and biodegradable bamboo. They prevent the wearer from directly scratching the wound or the eczema, which will make the cream used to treat the affected area last longer.
- These gloves have a perfect stretch fit, and they are very comfortable to wear. They can be washed at 60 °C and keep their great properties through repeated washing.



Standards:	EN 420
Category:	CE Cat. I
Sizes:	XS S M L XL
Material:	Bamboo viscose/Lycra®
Liner:	
Colour:	Natural
Thickness:	
Length:	20-23 cm
Weight:	
Packaging:	Pair (12/240)
Art:	110.0160

**KNITTED WINTER GLOVES**

Thermolite® hollow-core fibre

- Wicks perspiration away from your skin, while the inner layer of the glove remains warm and dry.
- Shrink-resistant, machine washable.
- High thermal insulation.

Suitable for: Commercial fishing | Refrigerated warehousing | Construction and regular outdoor utility work.

Thermolite® is a registered trademark of DuPont.

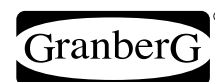


Standards:	EN 420
Category:	CE Cat. I
Sizes:	8.5 11
Material:	Thermolite®
Liner:	
Colour:	Blue
Thickness:	
Length:	23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	110.0340

**KNITTED GLOVES**

100% Cotton

- Elasticated cuff.
- Great as a liner.



Standards:	EN 420
Category:	CE Cat. I
Sizes:	9 10
Material:	Cotton
Liner:	
Colour:	Natural
Thickness:	
Length:	26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	110.0353



CLIPFISH GLOVES

Machine-knitted

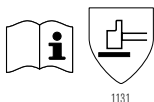
- Elasticated cuff.
- Great as a liner.



KNITTED GLOVES

Cotton with vinyl/PVC dots on both sides

- High tensile strength.
- Very good grip.
- Machine knitted (seamless). Ambidextrous.



1131



COTTON GLOVES

Knitted wrist

- Glove admits air and protects the hand from moisture/sweat.
- Elasticated cuff.
- Great as a liner.



COTTON GLOVES

Bleached

- Light. Very thin and comfortable.
- Used inside single-use gloves or other thin gloves for those who have sensitive skin or are plagued with hand eczema.
- Provides good insulation.



GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	7 8 9 10
Material:	Nylon/Cotton
Liner:	
Colour:	Natural
Thickness:	
Length:	22-26 cm
Weight:	
Packaging:	Pair (12/240)
Art:	110.0356

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10
Material:	Cotton with vinyl/PVC dots
Liner:	
Colour:	Blue, Red
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/288)
Art:	110.0364

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	One size
Material:	Cotton
Liner:	
Colour:	Natural
Thickness:	
Length:	25 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0420

GranberG®

Standards:	EN 420
Category:	CE Cat. I
Sizes:	S M L XL
Material:	Cotton
Liner:	
Colour:	White
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0450



COTTON INTERLOCK GLOVES

Knitted wrist

- Light. Very thin and comfortable.
- Used inside single-use gloves or other thin gloves.
- Provides good insulation.
- Absorbs moisture.



INNER GLOVES

Polyester, machine-knitted

- Light. Very thin and comfortable.
- Used inside single-use gloves or other thin gloves for those who have sensitive skin or are plagued with hand eczema.
- Provides good insulation.
- Machine washable at 85° C.



COTTON GLOVES

Vinyl/PVC microdots

- Small phthalates free vinyl/PVC dots provide good grip.
- Comfortable to wear.



COTTON GLOVES

Vinyl/PVC microdots

- Small phthalates free vinyl/PVC dots provide good grip.
- Comfortable to wear.



Standards:	EN 420
Category:	CE Cat. I
Sizes:	8 10
Material:	Cotton
Liner:	
Colour:	White
Thickness:	
Length:	25-27 cm
Weight:	
Packaging:	Pair (12/960)
Art:	110.0460



Standards:	EN 420
Category:	CE Cat. I
Sizes:	10
Material:	Polyester
Liner:	
Colour:	White
Thickness:	
Length:	23 cm
Weight:	
Packaging:	Pair (12/960)
Art:	110.0461



Standards:	EN 420
Category:	CE Cat. I
Sizes:	6 7 8 9 10 11
Material:	Cotton with vinyl/PVC dots
Liner:	
Colour:	White
Thickness:	
Length:	22-28 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0470



Standards:	EN 420
Category:	CE Cat. I
Sizes:	7 8 9 10
Material:	Cotton with vinyl/PVC dots
Liner:	
Colour:	Black
Thickness:	
Length:	25 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0475



COTTON GLOVES WITH LYCRA®

Vinyl/PVC microdots

- Small phthalates-free vinyl/PVC dots provide good grip.
- Comfortable to wear.
- Machine knitted, seamless.



Standards:	EN 420
Category:	CE Cat. I
Sizes:	7 8 9 10
Material:	Cotton/Lycra® with vinyl/PVC dots
Liner:	
Colour:	White
Thickness:	
Length:	19-24 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0483



COTTON GLOVES WITH LYCRA®

Vinyl/PVC microdots

- Small vinyl/PVC dots provide good grip.
- Comfortable to wear.
- Machine knitted, seamless.



Standards:	EN 420
Category:	CE Cat. I
Sizes:	7 8 9 10
Material:	Cotton/Lycra® with vinyl/PVC dots
Liner:	
Colour:	Black
Thickness:	
Length:	19-24 cm
Weight:	
Packaging:	Pair (12/600)
Art:	110.0484





TACTICAL | **GLOVES**
ELITE EDITION



TACTICAL GLOVES & ARMGUARDS



DEVELOPED IN PARTNERSHIP WITH THE LITHUANIAN SPECIAL FORCES.

Our tactical gloves are developed in partnership with LK-SOP, the Lithuanian special forces. Like special forces units, our gloves are meant to be inconspicuous. You won't even know they're there. These gloves take care of you so you can take care of your job.

FOR SOME PEOPLE, STAYING SAFE DOES NOT MEAN STAYING OUT OF HARM'S WAY

Some people step right in harm's way, braving hardships and defying the odds to ...

Get the job done.



JUST THE SAME BUT DIFFERENT?

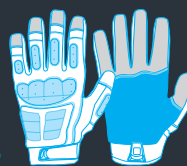
Use this to compare product properties.

Art.no	Impact protection	Heat resistant	Cut resistant	Velcro closure	Liner material	More
107.8888				•		Water repellent with neoprene back
116.541			•		Typhoon®	Seamless, Coated
116.561			•		Typhoon®	Extended cuff, Seamless, Coated
119.2201	•	•	• ²	•	Kevlar® ¹	Seamless fingertips, Limited cut resistance
119.2202	•	•	• ²	•	Kevlar®	Palm reinforcements, Seamless fingertips
119.2203	•	•	•	•	Kevlar®	Seamless fingertips
703-01			•	•	Kozane®	Arm guard

¹ Cut resistance with Kevlar® only in palm, excluding fingers.

² Low cut resistance, level 2.

119.2201
GRANBERG®



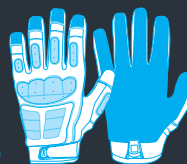
- CUT LEVEL 2 PROTECTION
- HIGH DEXTERITY
- SOFT PADDING

119.2202
GRANBERG®



- CUT LEVEL 2 PROTECTION
- EXTRA ABRASION RESISTANCE
- SOFT PADDING

119.2203
GRANBERG®



- CUT LEVEL 5 PROTECTION
- SOFT PADDING

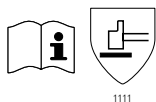


ASSEMBLY GLOVES/SHOOTING GLOVES EX®

MicroSkin Shield® material with neoprene back and Velcro closure, unlined

- Flexible.
- Good grip and high touch sensitivity.
- Reinforced fingertips and reinforced palm for added durability.
- Water repellent, elastic neoprene on the back of the hand.
- Machine washable. Drip dry.

Suitable for: All-weather weapon use and all-day wear, a favorite choice of law enforcement professionals | Assembly work and other similar tasks.



1111



CUT RESISTANT GLOVES

Typhoon® fibre with polyurethane coating

- Especially abrasion and tear resistant.
- Great protection against cuts and punctures.
- Fitted. Great touch sensitivity.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Assembly work with extremely high requirements to abrasion resistance and where there is great risk of cut injuries.



4343

NEW!



CUT RESISTANT GLOVES

Typhoon® fibre with polyurethane coating

- Preferred choice for police and security personnel – black colour and no external markings.
- Extended cuff protects forearm from cuts.
- Soft and flexible gloves with long life.
- Typhoon® is one of the strongest fibres in the world.

Suitable for: Police | Security Personnel | Assembly work with high risk of injury from cuts.



4542

NEW!



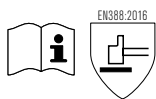
TACTICAL GLOVES

Goatskin, partial Kevlar® lining

- Kevlar® lining in the palm area only (not in fingers) protects from heat and cuts.
- Single layer of goatskin leather provides excellent touch sensitivity in fingertips.
- Seamless fingertips for optimal comfort.
- Breathable nylon mesh on back of hand keeps hands cool and dry.
- Soft padding secures knuckles and fingers.
- Very comfortable and fitted.
- A rubber pull tab makes gloves easy to pull on and remove.
- Velcro closure on wrist.

Suitable for: Law enforcement | Military | Special forces | Police | Security

Cut protection is only in palm area, excluding fingers.



2232X

Design protected by patents.



BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	MicroSkin Shield® (Palm) Neoprene (Back)
Liner:	Unlined
Colour:	Black
Thickness:	
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	107.8888



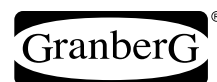
BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	Black
Thickness:	
Length:	21-23 cm
Weight:	
Packaging:	Pair (12/144)
Art:	116.541



BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	7 8 9 10 11
Material:	PU
Liner:	Typhoon®
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	116.561



BY GRANBERG

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Goatskin (Palm) Nylon, Synthetic leather (Back)
Liner:	Kevlar® (Palm lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	119.2201

NEW!

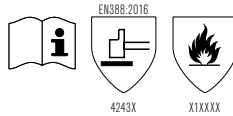


FAST-ROPE TACTICAL GLOVES

Goatskin, palm Kevlar® lining

- Full Kevlar® lining in palm and fingers protects from heat and cuts.
- Seamless fingertips for optimal comfort and safety.
- Goatskin leather provides excellent touch sensitivity.
- Leather reinforcements in palm follows palmar flexion creases and provide rappelling control.
- Very comfortable and fitted.
- Breathable nylon mesh on back of hand keeps hands cool and dry.
- Soft padding secures knuckles and fingers.
- A rubber pull tab makes gloves easy to pull on and remove.
- Velcro closure on wrist.

Suitable for: Working at height | Rope rescue | Fast rope operations | Law enforcement | Military | Special forces | Police | Security



Design protected by patents.

NEW!

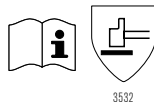


TACTICAL GLOVES

Goatskin, palm Kevlar® lining

- Full Kevlar® lining in palm and fingers protects from cut and heat injuries.
- Seamless fingertips for optimal comfort and safety.
- Goatskin leather provides excellent touch sensitivity.
- Very comfortable and fitted.
- Breathable nylon mesh on back keeps hands cool and dry.
- Soft padding secures knuckles and fingers.
- Rubber puller for easy donning.
- A rubber pull tab makes gloves easy to pull on and remove.
- Sewn with Kevlar® threads.

Suitable for: Law enforcement | Military | Special forces | Police | Security



Design protected by patents.

NEW!



ARM GUARD

Made of Kozane®

- Kozane® is an innovative high-tech material with greater cut, abrasion and slash resistance than any other textile or fabric in its class.
- Tested and approved according to EN 388:2016, Cut Test ASTM F 2992-15 and HOSDB Slash Resistance Standard UK Police (2006) Publication 48/05.
- Softness and flexibility allow complete freedom of action.
- Breathable and suitable in contact with skin.
- Ergonomic design.
- Adjustable Velcro on the wrist and arm to stay firmly in place.
- Neoprene thumb loop.
- Washable at 60°C.

Suitable for: Military | Police | Prisons | Private security companies | Ambulance personnel | Law enforcement | Special forces

Available in black.



Patent pending.



Standards:	EN 420, 388:2016, 407
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Goatskin (Palm) Nylon, Synthetic leather (Back)
Liner:	Kevlar® (Palm lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	119.2202



Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11 12
Material:	Goatskin (Palm) Nylon, Synthetic leather (Back)
Liner:	Kevlar® (Palm lined)
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Pair (6/72)
Art:	119.2203



Standards:	EN 388:2016, ASTM F2992-15, HOSDB (2006)
Category:	
Sizes:	M L XL XXL
Material:	Kozane®
Liner:	Unlined
Colour:	Silver
Thickness:	
Length:	48 cm
Weight:	
Packaging:	One Piece
Art:	703-01

NO SINGLE MATERIAL MET OUR REQUIREMENTS.

So we invented it.

KOZANE® is an innovative high-tech material with greater cut, abrasion and slash resistance than any other textile or fabric in its class.

Yet it is soft and flexible enough to make into protective clothing that won't make you feel like you're wearing a suit of armour.

Kozane® Soft Armour Textile.





: GARDENING : GLOVES



GLOVES FOR GARDENING ALL YEAR ROUND.

Gardening includes such a wide variety of tasks that we actually could recommend any of the gloves presented in this catalogue since all of them will protect your hands when working. This category presents only a selection of our favourites for the garden.

SPRING

Spring

Springtime in the garden may be the best season of all, when everything starts to bloom after a long winter. Now is the time for tidying up and planting. In some regions it's still quite cold, so a light winter lined glove could be a great alternative.

SUMMER

Summer

Weeding, watering and harvesting form the main part of summer gardening. At this time of year, the soil is most often dried up and you can use almost any protective glove for the job. Why not try one of our tight-fitted coated gardening gloves. If you want to involve the kids, the gloves are also available in kids' sizes. You can find more alternatives on pages 77-78.

AUTUMN

Autumn

Autumn leaves are falling, and the garden needs your attention before winter arrives. Transplanting, pulling out dead plants, trimming, covering trees and plants, cleaning up the green house, planting early-blooming spring bulbs, etc. The to-do list is long this time of year! Why not use a hard-wearing glove like our 120.4283? Check it out on the next page.

WINTER

Winter

During the winter season, you need gloves that will keep your hands warm and dry. An example is our 114.4272W, presented on the next page. If you'd like a wider variety to choose from, check our complete winter line on page 56.

FOR
CHILDREN

PLAY AND WORK GLOVES FOR CHILDREN

Latex foam coating

- Colourful header card for retail sales.
- Soft, flexible and comfortable.
- Breathable nylon back for extra comfort.
- Excellent grip without loss of touch sensitivity.

Suitable for: Play in the sandbox, the play set, and when the child is holding different toys or tools.

FOR
CHILDREN

PLAY AND WORK GLOVES FOR CHILDREN

Latex foam coating

- Colourful header card for retail sales.
- Soft, flexible and comfortable.
- Breathable nylon back for extra comfort.
- Excellent grip without loss of touch sensitivity.

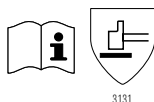
Suitable for: Play in the sandbox, the play set, and when the child is holding different toys or tools.



GARDENING GLOVES

Latex foam coating

- Soft, flexible and comfortable.
- Good grip and high touch sensitivity.
- Breathable nylon back for extra comfort.
- Colourful header card for retail sales.



3131



GARDENING GLOVES

Latex foam coating

- Soft, flexible and comfortable.
- Good grip and high touch sensitivity.
- Breathable nylon back for extra comfort.
- Colourful header card for retail sales.



3131

GranbergG®

Standards:

Category:

Sizes:

S | M

Material:

Latex

Liner:

Nylon

Colour:

Blue

Thickness:

Length:

18-19 cm

Weight:

Packaging:

Pair (12/144)

Art:

108.0111

GranbergG®

Standards:

Category:

Sizes:

S | M

Material:

Latex

Liner:

Nylon

Colour:

Pink

Thickness:

Length:

18-19 cm

Weight:

Packaging:

Pair (12/144)

Art:

108.0112

GranbergG®

Standards:

EN 420, 388:2003

Category:

CE Cat. II

Sizes:

S | M | L

Material:

Latex

Liner:

Nylon

Colour:

Green

Thickness:

Length:

21-22 cm

Weight:

Packaging:

Pair (12/144)

Art:

108.0530

GranbergG®

Standards:

EN 420, 388:2003

Category:

CE Cat. II

Sizes:

S | M

Material:

Latex

Liner:

Nylon

Colour:

White, Pink

Thickness:

Length:

21-22 cm

Weight:

Packaging:

Pair (12/144)

Art:

108.0540

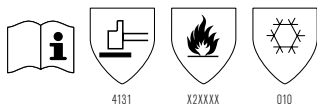


ASSEMBLY WINTER GLOVES

Full nitrile microfoam coating, fleece liner

- High durability, dexterity and tactile sensitivity.
- Resistant to contact heat up to 250°C for 15 seconds.
- Provides good thermal insulation.
- Water and oil repellent.
- A great alternative to leather driving gloves.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Motor mechanics for handling hot parts | Cold Storage | Outdoor winter use.



4131

X2XXXX

010

NEW!

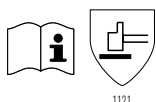


ASSEMBLY GLOVES

MacroSkin Pro® with nylon back, unlined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/Control | Gardening | Retail



1121

NEW!

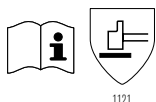


ASSEMBLY GLOVES

MacroSkin Pro® with nylon back with Velcro closure, unlined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control | Gardening | Retail



1121

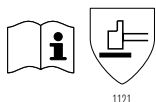


ASSEMBLY GLOVES EX®

MacroSkin Pro® with nylon back with Velcro closure, unlined

- Comfortable and fitted.
- Ideal for work that requires precision and accuracy.
- Good breathability.

Suitable for: Light and medium fabrication | General assembly | Automotive manufacturing | Inspection/control, etc.



1121

GranberG®

Standards:	EN 420, 388:2003, 407, 511
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	Nitrile
Liner:	Jersey fleece
Colour:	Blue
Thickness:	
Length:	23-26 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.4272W

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4281

GranberG®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Grey, Pink
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4283

EX®
BY GRANBERG

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	6 7 8 9 10 11
Material:	MacroSkin Pro® (Palm) Nylon (Back)
Liner:	Unlined
Colour:	Black, Green
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/144)
Art:	120.4293

**IF YOUR WORK
REQUIRES
MORE OF YOU**

.....
you should require more of your gloves



SINGLE-USE GLOVES

CONSIDER THIS

when using single-use gloves;

- Make sure that the gloves are tested, labelled and intended for the application.
- Choose the right size.
- Change gloves regularly.
- Make sure your hands are dry before putting on single-use gloves.
- Keep your nails short.
- Avoid wearing rings on your fingers.
- Powder-free gloves reduce the risk of transporting bacteria.
- Use the right technique when you take off your gloves. See page 87.

RELATED FACTS

Single-use glove materials p. 86

Get to know the behaviour of T.E.P., vinyl, nitrile and latex gloves and the different effects of using gloves of the various materials.

Testing and approvals p. 113

Understand the EN product standards. Learn more about permeation and penetration levels, bacteriological and chemical risks, food handling, etc.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Length (cm)	Weight (g)	Colour	Glove material				Powder-free	Accelerator-free	Food approved	Medical approved	Chemical resistant ²
				T.E.P	PVC / Vinyl	Nitrile	Latex					
111.0092	25	1,9±0,1	Clear	•				•		•	•	
111.0094	25	1,9±0,1	Blue	•				•		•	•	
111.200	25	4,6±0,03	Clear		•					• ¹		
111.220	25	5,4±0,03	Clear		•			•		• ¹	•	•
111.225	25	4,6±0,03	Clear		•			•		• ¹		
111.325	25	5,4±0,03	Blue		•			•		• ¹	•	•
111.420	25	5,4±0,03	White		•			•		• ¹	•	•
112.110	25	6,0±0,5	Off-white				•	•		•	•	
114.611	24		Blue			•		•		•		
114.615	29,5	5,0±0,5	Indigo			•		•	•	•	•	•
114.616	25	3,2±0,5	Indigo			•		•	•	•	•	
114.620	25	4,2±0,5	White			•		•	•	•	•	•
114.621	25	4,2±0,5	Indigo			•		•	•	•	•	•
114.622	25	3,5±0,5	Indigo			•		•		•	•	•
114.624	24	3,5±0,02	Indigo			•		•		•		
114.626	25	3,0±0,5	Indigo			•		•		•	•	•
114.628	25	4,2±0,5	Black			•		•		•	•	
114.770	25	6,2±0,2	Blue			•		•		•	•	•
114.880	25	6,2±0,2	Black			•		•		•	•	•
114.940	27	7,2±0,5	Orange			•		•		•	•	•
114.950	30	11,4±0,3	Blue			•		•			•	•
114.955	29-30	11,4±0,3	Blue			•		•		•		•
114.960	24	7,4±0,3	Orange			•		•			•	•

¹ Should NOT be used in direct contact with fatty foods.

² Please check our online chemical database to find the right gloves to protect you from the chemical you plan to use.



SINGLE-USE GLOVES

Thermo Elastic Polymer (T.E.P.), powder-free. Clear colour

- Phthalates and silicone free.
- Good tactile sensation.
- Approved for contact with all kinds of food, including fatty foods (EN 1186).
- Approved for medical use (EN 455).
- Odourless.
- Reduced waste due to more than 60% reduced glove thickness compared to vinyl.
- Up to more than 4 times the number of gloves per box compared to vinyl.
- Tensile strength (before and after aging): min 12 Mpa.
- Median force at break: min 3,8-4,0 N.

Suitable for: Horeca | Food and beverage industry etc. | Healthcare sector | Medical use | Cleaning.



AQL 1.5



SINGLE-USE GLOVES

Thermo Elastic Polymer (T.E.P.), powder-free. Blue colour

- Phthalates and silicone free.
- Good tactile sensation.
- Approved for contact with all kinds of food, including fatty foods (EN 1186).
- Approved for medical use (EN 455).
- Odourless.
- Economical. Reduced waste due to more than 60% reduced glove thickness compared to vinyl.
- Up to more than 4 times the number of gloves per box compared to vinyl.
- Tensile strength (before and after aging): min 12 Mpa.
- Median force at break: min 3,8-4,0 N.

Suitable for: Horeca | Food and beverage industry etc. | Healthcare sector | Medical use | Cleaning.



AQL 1.5



SINGLE-USE GLOVES

Vinyl/PVC, lightly powdered. Clear colour

- Comfortable.
- Does not provoke latex allergic reaction.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile disposable gloves.

Not approved for medical use.



SINGLE-USE GLOVES

Vinyl/PVC, powder-free. Clear colour

- Comfortable.
- Does not provoke latex allergic reaction.
- Approved for medical use (EN 455).

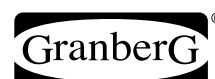
May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile disposable gloves.



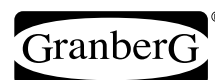
AQL 1.5



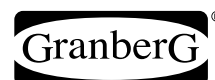
Standards:	EN 420, 455, 1186
Category:	
Sizes:	S M L XL
Material:	Thermo Elastic Polymer
Liner:	
Colour:	Clear
Thickness:	
Length:	25 cm
Weight:	1,9 ± 0,1 g
Packaging:	Dispenser box (10/200)
Art:	111.0092



Standards:	EN 420, 455, 1186
Category:	
Sizes:	S M L XL
Material:	Thermo Elastic Polymer
Liner:	
Colour:	Blue
Thickness:	
Length:	25 cm
Weight:	1,9 ± 0,1 g
Packaging:	Dispenser box (10/200)
Art:	111.0094



Standards:	EN 1186
Category:	
Sizes:	S M L XL
Material:	Vinyl/PVC
Liner:	
Colour:	Clear
Thickness:	
Length:	25 cm
Weight:	4,6 ± 0,03 g.
Packaging:	Dispenser box (10/100)
Art:	111.200



Standards:	EN 420, 374:2003, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Vinyl/PVC
Liner:	
Colour:	Clear
Thickness:	
Length:	26 cm
Weight:	5,4 ± 0,03 g
Packaging:	Dispenser box (10/100)
Art:	111.220



SINGLE-USE GLOVES ULTRASOFT

Vinyl/PVC, powder-free. Clear colour

- Comfortable.
- Does not provoke latex allergic reaction.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile disposable gloves.

Not approved for medical use.



SINGLE-USE GLOVES

Vinyl/PVC, powder-free. Blue colour

- Comfortable.
- Does not provoke latex allergic reaction.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile disposable gloves.



AQL 1.5

2



SINGLE-USE GLOVES

Synthetic, powder-free. White colour

- Does not provoke latex allergic reaction.
- Sensitivity/flexibility equivalent to single-use latex gloves.
- Does not contain natural latex.
- Does not contain nitrile.
- Stronger than normal single-use vinyl/PVC gloves.
- Approved for medical use (EN 455).

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile disposable gloves.



AQL 1.5

2



SINGLE-USE GLOVES

Latex, powder-free. Off-white colour

- Microtextured for improved grip.
- Approved for medical use (EN 455).

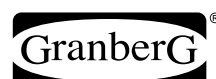


AQL 1.5

EN 455



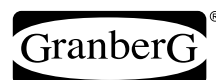
Standards:	EN 1186
Category:	
Sizes:	S M L XL
Material:	Vinyl/PVC
Liner:	
Colour:	Clear
Thickness:	
Length:	25 cm
Weight:	
Packaging:	Dispenser box (10/100)
Art:	111.225



Standards:	EN 420, 374:2003, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Vinyl/PVC
Liner:	
Colour:	Blue
Thickness:	
Length:	25 cm
Weight:	
Packaging:	Dispenser box (10/100)
Art:	111.325



Standards:	EN 420, 374:2003, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Vinyl/PVC
Liner:	
Colour:	White
Thickness:	
Length:	25 cm
Weight:	
Packaging:	Dispenser box (10/100)
Art:	111.420



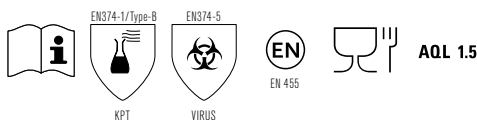
Standards:	EN 455, 1186
Category:	
Sizes:	S M L XL
Material:	Latex
Liner:	
Colour:	Off-white
Thickness:	
Length:	25 cm
Weight:	6,0 ± 0,5 g
Packaging:	Dispenser box (10/100)
Art:	112.110

NEW!**SINGLE-USE GLOVES MAGIC TOUCH®****Nitrile, powder free. Dark blue colour**

- Lightweight and elastic.
- Enhanced finger sensitivity and dexterity.
- Great alternative to vinyl single-use gloves.
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Economy pack, 200 gloves per dispenser.

Suitable for: Direct contact with all types of foodstuffs.**Not approved for medical use.****ACCELERATOR FREE****SINGLE-USE GLOVES MAGIC TOUCH®****Soft Nitrile™, powder-free. Accelerator-free. Indigo colour. 29,5 cm length**

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- 100% free from chemical accelerators.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Approved for medical use (EN 455).
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Does not contain silicone.

Suitable for: Direct contact with all types of foodstuffs | Medical use.

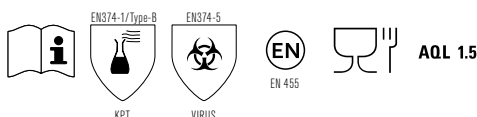
RECOMMENDED BY

**NEW!****ACCELERATOR FREE****SINGLE-USE GLOVES MAGIC TOUCH®****Soft Nitrile™, powder-free. Accelerator-free. Indigo colour**

- Soft and strong nitrile.
- The thinnest glove in Granberg's Accelerator-free gloves range.
- 100% free from chemical accelerators.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Approved for medical use (EN 455).
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Does not contain silicone.

Suitable for: Direct contact with all types of foodstuffs | Medical use.**SINGLE-USE GLOVES MAGIC TOUCH®****Soft Nitrile™, powder-free. White colour**

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Approved for medical use (EN 455).
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Does not contain silicone.

Suitable for: Direct contact with all types of foodstuffs | Medical use.**MAGIC TOUCH®**

BY GRANBERG

Standards:	EN 420, 1186
Category:	CE Cat. I
Sizes:	XS S M L XL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	24 cm
Weight:	
Packaging:	Dispenser box (10/200)
Art:	114.611

MAGIC TOUCH®

BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	29,5 cm
Weight:	5.0 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.615

MAGIC TOUCH®

BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	XS S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	25 cm
Weight:	3.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.616

MAGIC TOUCH®

BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	White
Thickness:	
Length:	25 cm
Weight:	4.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.620



ACCELERATOR
FREE

SINGLE-USE GLOVES MAGIC TOUCH®

Soft Nitrile™, powder-free. Accelerator-free. Indigo colour

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- 100% free from chemical accelerators.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Approved for medical use (EN 455).
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Does not contain silicone.

Suitable for: Direct contact with all types of foodstuffs | Medical use.



RECOMMENDED BY

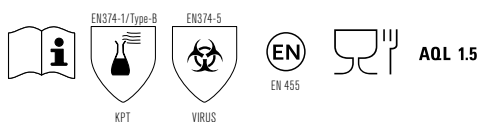


SINGLE-USE GLOVES MAGIC TOUCH®

Soft Nitrile™, powder-free. Indigo colour

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Approved for medical use (EN 455).
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).

Suitable for: Direct contact with all types of foodstuffs | Medical use.



SINGLE-USE GLOVES MAGIC TOUCH®

Soft Nitrile™, powder-free. Indigo colour

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Suitable for direct contact with all types of foodstuffs.
- Economy pack, 200 gloves per dispenser.

Suitable for: Direct contact with all types of foodstuffs.

Not approved for medical use.



SINGLE-USE GLOVES MAGIC TOUCH®

Nitrile, powder-free. Indigo colour

- Soft and strong nitrile.
- Thinner than similar gloves, nearly same elasticity and touch sensitivity as latex.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Suitable for direct contact with all types of foodstuffs.
- Approved for medical use (EN 455).
- Economy pack, 300 gloves per dispenser.

Suitable for: Direct contact with all types of foodstuffs | Medical use.

XL: 270 pcs. per dispenser box, 10 dispenser boxes per carton.



MAGIC TOUCH®
BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	XS S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	25 cm
Weight:	4.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.621

MAGIC TOUCH®
BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	24 cm
Weight:	3.5 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.622

MAGIC TOUCH®
BY GRANBERG

Standards:	EN 420, 1186
Category:	
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	24 cm
Weight:	3.5 ± 0.02 g
Packaging:	Dispenser box (10/200)
Art:	114.624

MAGIC TOUCH®
BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Indigo
Thickness:	
Length:	24.5 cm
Weight:	3.0 ± 0.2 g
Packaging:	Dispenser box (10/300)
Art:	114.626



SINGLE-USE GLOVES MAGIC TOUCH®

Soft Nitrile™, powder-free. Black colour

- Soft and strong nitrile.
- Thinner than similar gloves, with nearly the same elasticity and touch sensitivity as latex.
- Microtextured fingertips for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Black colour especially suited for tattoo studios, police, funeral parlours and security firms.
- Approved for medical use (EN 455).
- Does not contain silicone.

Suitable for: Assembly in the electronics industry | Handling of photographic film | Optics and laboratories | Tattoo studios | Police | Funeral parlours | Security firms.



AQL 1.5



SINGLE-USE GLOVES

Nitrile, powder-free. Blue colour

- Microtextured for optimum grip.
- Tested and approved for various chemicals.
- Resistant to grease, fats, detergents, etc.
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Approved for medical use (EN 455).
- Does not contain silicone.



AQL 1.5

KT



SINGLE-USE GLOVES

Nitrile, powder-free. Black colour

- High strength and elasticity.
- Black colour especially suited for tattoo studios, police, funeral parlours and security firms.
- Tested and approved for various chemicals.
- Microtextured for optimum grip.
- Does not contain silicone.

Suitable for: Assembly in the electronics industry | Handling of photographic film | Optics and laboratories | Tattoo studios | Police | Funeral parlours and security firms.



AQL 1.5

2



SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Nitrile, powder-free. Orange colour. 27 cm length

- Tested and approved for various chemicals.
- Microtextured for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Suitable for direct contact with all types of foodstuffs.
- Approved for medical use (EN 455).
- Does not contain silicone.

Suitable for: Laboratories | Chemical industry | Automotive industry | Mechanical workshops | Light assembly | Food industry.



AQL 0.65

KPT

VIRUS

MAGIC TOUCH®
BY GRANBERG

Standards:	EN 420, 455, 1186
Category:	
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Black
Thickness:	
Length:	25 cm
Weight:	4.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.628

Granberg®

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	25 cm
Weight:	6.2 ± 0.2 g
Packaging:	Dispenser box (10/100)
Art:	114.770

Granberg®

Standards:	EN 420, 374:2003, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Black
Thickness:	
Length:	25 cm
Weight:	6.2 ± 0.2 g
Packaging:	Dispenser box (10/100)
Art:	114.880

CHEMSTAR®
BY GRANBERG

Standards:	EN 420, 374:2016, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Orange
Thickness:	
Length:	27 cm
Weight:	7.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.940



SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Nitrile, powder-free. Blue colour. 30 cm length

- Double thickness compared with conventional disposable nitrile gloves.
- Textured surface for maximum grip.
- Protects against primary alcohols, saturated hydrocarbons and inorganic bases.
- Tested and approved for such chemicals as Methanol, n-Heptane and Sodium Hydroxide.
- Does not contain silicone.

Suitable for: Laboratories | Mechanical workshops | Janitorial firms etc.

50 gloves per box, 500 pcs per carton.



CHEMSTAR®
BY GRANBERG

Standards:	EN 420, 374:2003, 455
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	30 cm
Weight:	11.4 ± 0.3 g
Packaging:	Dispenser box (10/50)
Art:	114.950



SINGLE-USE GLOVES

Nitrile, powder-free. Blue colour. 30 cm length

- Ambidextrous.
- Patented fish scale print on both sides of gloves for optimal grip.
- Approved to be used in direct contact with all types of food, including fatty foods.
- Chemical and oil resistant.
- Tear-resistant beaded cuff for easy donning.
- Extra comfortable if used with inner glove.

Suitable for: Handling meat, fish, poultry and other fatty foods | Cleaning | Light assembly

Not approved for medical use.



Granberg®

Standards:	EN 420, 374:2016, 1186
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	29-30 cm
Weight:	11.4 ± 0.3 g
Packaging:	Inner Pack (10/48)
Art:	114.955



SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Nitrile, powder-free. Orange colour

- Ambidextrous.
- Patented fish scale print on both sides of gloves for optimal grip.
- Perfect for oily, wet and dry conditions.
- Tear-resistant beaded cuff for added protection from potential chemical spills and drips.
- Extra comfortable if used with inner glove.
- Does not contain silicone.

Suitable for: Automotive industry | Mechanical workshops | Light assembly | DIY shops | Chemical industry, etc.



CHEMSTAR®
BY GRANBERG

Standards:	EN 420, 374:2016, 455
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Orange
Thickness:	
Length:	24 cm
Weight:	7.7 ± 0.3 g
Packaging:	Dispenser box (10/50)
Art:	114.960

DOES IT MATTER WHAT MATERIAL IT IS?

All materials have different behaviors depending on what they are exposed to. It is extra important to know what gloves to use when working in one of these areas:

MEDICAL & HEALTHCARE

Make sure the glove is certified to standard EN 455.

CHEMICAL HANDLING

Determine the chemical CAS number and search up recommended glove on our website.

FOOD PROCESSING

It is important to ensure that the gloves are approved to be used in contact with foodstuff. Look for glass and fork symbol on the packaging and check whether there are any limitations. For example, when handling fatty foods.

MATERIAL	NITRILE	LATEX	VINYL	TEP
STRENGTH AND DURABILITY	EXCELLENT	EXCELLENT	POOR	POOR
COMFORT AND FIT	VERY GOOD	EXCELLENT	GOOD	GOOD
ELASTICITY	VERY GOOD	EXCELLENT	POOR	POOR
PUNCTURE RESISTANCE	EXCELLENT	VERY GOOD	POOR	POOR
CHEMICAL PROTECTION	EXCELLENT	GOOD	POOR	POOR

SINGLE USE GLOVES FOR MEDICAL USE - EN 455

Gloves to be used in the medical sector are subject to rules on appearance and properties regulations.

Additionally, the gloves must conform to certain requirements which are put in place to reduce the risk of eczema and allergy from the use of such gloves. The packaging must also include shelf life date.

These regulations are specified in four standards:

- EN 455-1: Requirements and testing for freedom from holes.
- EN 455-2: Requirements and testing for physical properties.
- EN 455-3: Requirements and testing for biological evaluation.
- EN 455-4: Requirements and testing for shelf life determination.

Medical gloves for single use go through a thoroughly specified quality control:

They must for instance be free from holes, and this is tested in accordance with internationally accepted methods for testing (AQL 1.5) (AQL = Acceptable Quality Level) and they must have a certain tensile strength and conform to certain norms for size, length, etc.

HOW TO SAFELY REMOVE YOUR SINGLE-USE GLOVES

The hygienic way



Move it towards your fingers turning glove A inside out.



Place glove A in the other palm and repeat step 1 on glove B.



Move glove B towards your fingers turning it inside out over glove A



Grab glove A's wrist opening.



Make sure that glove B catches glove A completely only showing the inside of glove B.



LIQUID PROOF GLOVES

EMBRACING THE NORWEGIAN FISHING EXPERTISE TO DEVELOP A COMPLETE GLOVE RANGE

The oil, gas and fishing industries are the largest export sectors in Norway. They consist of many different branches and comprise a great variety of technology, production and work methods. In addition to this, Norway furnishes us with a wide variety of weather conditions and natural environments. All of this has provided us with the best possible conditions for the testing and optimizing of our liquid proof gloves.

One of the main challenges you face when working in wet conditions is finding a glove with a sufficiently good grip to make sure you can keep on working without dropping objects or battling slippage.

The perception of the gloves is different for every user. Make sure you try them out in order to get the best possible grip for whatever assignment you have.



JUST THE SAME BUT DIFFERENT?

Use this to compare product properties.

Art.no	Chemical resistant	Food approved	Grip type			Length (cm)	Glove material			More
			Dry	Wet	Oil		PVC / Vinyl	Nitrile	Latex	
109.8100			•	•		45	•			Extra long
109.8400			•	•	•	42-43	•			Extra long
111.0230	•		•	•		31-33	•			Phthalates free
111.0300	•		•	•		31-33	•			Phthalates free
111.0530	•		•	•		70	•			Phthalates free, extra long
112.0122	•	•	•	•	•	30			•	
112.0400		•	•	•		30			•	
112.0940		•	•	•		33			•	
114.0650	•	•	•	•		65	•			Extra long
114.0660	•	•	•	•	•	62-69	•			Extra long
114.0660W	•	•	•	•	•	60	•			Extra long



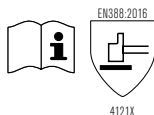
FISHERMEN'S GLOVES

PVC/vinyl dipped on seamless nylon liner with PU cuff

- Comfortable.
- Soft with outstanding grip in dry and wet conditions.
- Flexible, and less tiring to the hand.
- Easy to get on and off.
- Long lasting and heavily resistant to wear and tear.
- Special double-dipped vinyl/PVC coating.
- REACH-compliant.

Suitable for: Handling slippery objects and for general work in wet environments.

May not be used in direct contact with fatty foods.



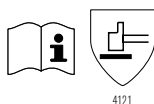
FISHERMEN'S GLOVES

Vinyl/PVC with granulation, interlock liner

- Highly durable.
- For handling slippery objects.
- Heavy granulation provides good grip.
- Interlock liner.

Suitable for: Handling slippery objects and for general work in wet environments.

May not be used in direct contact with fatty foods.

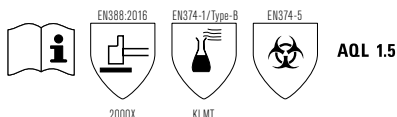


VINYL/PVC CHEMICAL RESISTANT GLOVES

Anti-allergic, cotton flock lined

- Comfortable and soft.
- Thicker gauge for increased durability.
- Resistant to many chemicals, including bleach.
- Can be used with hot water.
- Anti-allergy tested. Contains no known allergens.
- Does not contain phthalates.

Suitable for: Chemical industries | Laboratories | Handling of petroleum products, oils and fats | Professional cleaning | Decontamination | Sanitation.

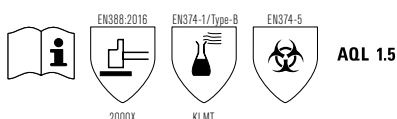


VINYL/PVC CHEMICAL RESISTANT GLOVES

Anti-allergic, cotton flock lined

- Comfortable and soft.
- Thicker gauge for increased durability.
- Resistant to many chemicals including bleach.
- Can be used with hot water.
- Anti-allergy tested. Contains no known allergens.
- Does not contain phthalates.

Suitable for: Professional cleaning | Catering etc.



Granberg®

Standards:	EN 420, 388:2016
Category:	CE Cat. II
Sizes:	8 9 10 11
Material:	PVC/PU
Liner:	Nylon
Colour:	Blue, Black
Thickness:	
Length:	45 cm
Weight:	
Packaging:	Pair (6/60)
Art:	109.8100

Granberg®

Standards:	EN 420, 388:2003
Category:	CE Cat. II
Sizes:	9 10 11 12
Material:	Vinyl/PVC
Liner:	Interlock
Colour:	Blue, Black
Thickness:	
Length:	42-43 cm
Weight:	
Packaging:	Pair (12/72)
Art:	109.8400

EURAL
TECHNICAL QUALITY

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Red
Thickness:	0,6 mm, 0,55 mm
Length:	31-33 cm
Weight:	
Packaging:	Pair (12/120)
Art:	111.0230

Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	7 8 9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Blue
Thickness:	0,4 mm
Length:	31-33 cm
Weight:	
Packaging:	Pair (12/120)
Art:	111.0300

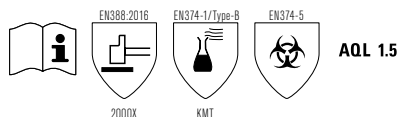


VINYL/PVC CHEMICAL RESISTANT GLOVES

With long, welded EVA cuff, cotton flock lined

- Anti-allergy tested.
- Does not contain phthalates.
- Sanprotec-treated liner.

Suitable for: High pressure washing | Cleaning | Industrial cleaning etc.

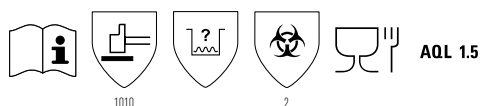


LATEX GLOVES

Cotton flock lined

- Tear-resistant beaded cuff for easy donning.
- Anti-slip pattern for good grip in wet and dry conditions.
- Pure cotton flock liner to absorb perspiration.

Suitable for: Handling meat and fatty foodstuffs | Pharmaceutical industry | Cleaning | Light assembly | Laboratories.

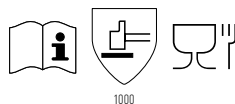


LATEX GLOVES

Rolled cuff, cotton flock lined

- Comfortable.
- Soft gloves with grip pattern.

Suitable for: All types of washing and cleaning | Food production and packing.



NEW!

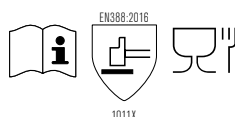


LATEX LIQUID PROOF GLOVES

Unlined

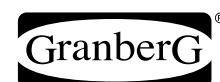
- Soft and flexible gloves with great dexterity causing minimal hand fatigue.
- Excellent grip recommended for handling fish and other slippery items and materials.
- Approved to be used in direct contact with all types of food, including fatty foods (EN 1186).
- Do not contain silicone.

Suitable for: Handling meat, fish, poultry and other fatty foods | Fishing/fish farming | Cleaning.



INTEGRA

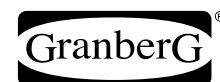
Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Red, Clear
Thickness:	0,6 mm (Palm), 0,55 mm (Cuff)
Length:	70 cm
Weight:	
Packaging:	Pair (25/100)
Art:	111.0530



Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	XS S M L XL
Material:	Latex
Liner:	Flocklined
Colour:	Blue
Thickness:	0,38 mm
Length:	30 cm
Weight:	
Packaging:	Pair (12/144)
Art:	112.0122



Standards:	EN 420, 388:2003, 1186
Category:	CE Cat. II
Sizes:	S M L XL
Material:	Latex
Liner:	Flocklined
Colour:	Yellow
Thickness:	0,4 mm
Length:	30 cm
Weight:	
Packaging:	Pair (12/144)
Art:	112.0400



Standards:	EN 420, 388:2016, 1186
Category:	CE Cat. II
Sizes:	7 8 9 10 11 12
Material:	Latex
Liner:	Unlined
Colour:	Blue
Thickness:	
Length:	33 cm
Weight:	
Packaging:	Pair (12/144)
Art:	112.0940

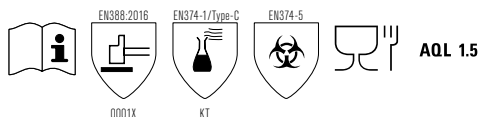


THIN NITRILE GLOVES

With long, welded EVA cuff, unlined

- Light.
- Extra thin and soft nitrile (0.20 mm) providing excellent finger sensitivity.
- Skin-friendly, does not contain latex.

Suitable for: Direct contact with all types of foodstuffs | Healthcare | Nursing homes (showering of patients) | City sewage | Agriculture | Fishing trawlers.

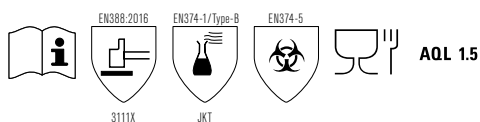


NITRILE CHEMICAL RESISTANT GLOVES

With long, welded nitrile cuff

- Resistant to fish fat, particularly salmon fat.
- Anatomic fit for optimum comfort.
- The long cuff extends the application area of the glove.

Suitable for: Work in acid baths | Washing vessels, etc., | Industrial cleaning | Septic tanks/waste removal | Chemical processing, etc.

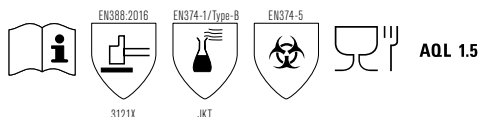


NITRILE CHEMICAL RESISTANT WINTER GLOVES

With long, welded nitrile cuff, winter lined

- Durable winter gloves that withstand the toughest conditions.
- Resistant to fish fat, particularly salmon fat.
- Anatomic fit for optimum comfort.
- The long cuff extends the application area of the glove.

Suitable for: Food industry | Work with acid baths, washing trays, etc., | Industrial cleaning, sewage and waste disposal | Handling of chemicals etc.



INTEGRA

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10
Material:	Nitrile
Liner:	Unlined
Colour:	White, Clear
Thickness:	0,2 mm
Length:	65 cm
Weight:	
Packaging:	Pair (25/100)
Art:	114.0650

INTEGRA

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Interlock
Colour:	Blue
Thickness:	0,8 mm
Length:	62-69 cm
Weight:	
Packaging:	Pair (6/72)
Art:	114.0660



Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Synthetic liner
Colour:	Blue
Thickness:	Fleece+0,8 mm
Length:	60 cm
Weight:	
Packaging:	Pair (6/72)
Art:	114.0660W



CHEMICAL RESISTANT GLOVES

YOUR HANDS ARE EXPOSED TO CHEMICALS TO A GREATER EXTENT THAN MOST OF US REALIZE.

Most of us use the word chemicals to refer to substances contained in fluids which are used in industries, laboratories, sanitation work, etc. However, what most of us are unaware of is the fact that we are exposed to chemicals on a daily basis.

A person can become contaminated in a variety of ways. One of the most common ways is by absorption through the skin when it comes into contact with a chemical. One means of preventing contamination injuries or illnesses through skin contact is to make sure you wear the correct protection for the chemical you are about to handle.

All glove types react differently to exposure to different chemicals. Our website contains an extensive database of chemicals which are tested with our chemical resistant gloves.

The database will give you a glove recommendation and a permeation time to enable you to choose the best protection available for your application.



JUST THE SAME BUT DIFFERENT? Use this to compare product properties.

Art.no	Length	Single-use	Food safe	Glove material				More
				Inner liner	PVC/Vinyl	Nitrile	Neoprene	
109.1730	30	• ¹	•	•				Oil repellent
109.229	31	• ¹	•	•				Winter lined, Oil repellent
109.3040	40		•	•				Oil repellent
109.8135	35	• ¹	•	•				Oil repellent
109.8145	45	• ¹	•	•				Oil repellent
111.0230	31-33		• ²	•				Phthalates free
111.0300	31-33		• ²	•				Phthalates free
111.0530	70		• ²	•				Phthalates free, Extra long
112.0122	30	•	• ²				•	
114.0630	30	•	•		•			Oil repellent
114.0630W	30	•	•		•			Oil repellent
114.0640	24-26	•	•		•			Oil repellent
114.0650	65	•			•			Extra long, Oil repellent
114.0660	62-69	•	•		•			Extra long, Oil repellent
114.0660W	60	•	•		•			Extra long, Oil repellent
114.1000	33	•	• ²		•			Oil repellent
114.1046	41	•	•		•			Extra long, Oil repellent
114.2000	33	•	• ²			•		Oil repellent
114.3000	40		•			•		Heat resistant, Winter lined, Oil repellent
114.3230	33				•			
114.940	27	•	•			•		Powder-free, High visibility, Extra long
114.950	30	•				•		Powder-free, Extra long
114.955	29-30	•	•			•		Extra long, Oil repellent
114.960	24	•				•		Powder-free, Oil repellent
115.9011	39		•	•				Impact/Cut resistant, Oil repellent
115.9012	32		•	•				Impact/Cut resistant, Oil repellent
116.8150	35	• ¹	•	•				Cut resistant, Oil repellent

¹ Should NOT be used in direct contact with fatty foods.

² Flocklined



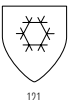
VINYL/PVC CHEMICAL RESISTANT WINTER GLOVES CHEMSTAR®

Removable acrylic flannel liner

- Highly durable.
- Comfortable and flexible.
- Remains soft in temperatures as low as - 20°C.
- Resistant to petrol, diesel and many chemicals.
- Liner can be washed/dried separately.

Suitable for: Fishermen | Cold storage work | Outdoor winter work.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



AQL 0.65

CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 511, 1186, 1149-1
Category:	CE Cat. III
Sizes:	9 10
Material:	Vinyl/PVC
Liner:	Acrylic flannel
Colour:	Blue
Thickness:	
Length:	31 cm
Weight:	
Packaging:	Pair (10/60)
Art:	109.229



VINYL/PVC CHEMICAL RESISTANT GLOVES CHEMSTAR®

Cotton interlock lined

- Flexible and soft.
- Seamless liner for great comfort during use.

Suitable for: Food handling | Fishing/processing | General use in wet conditions.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



AQL 0.65

CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Vinyl/PVC
Liner:	Interlock
Colour:	Orange
Thickness:	
Length:	30 cm
Weight:	
Packaging:	Pair (12/120)
Art:	109.1730



VINYL/PVC CHEMICAL RESISTANT GLOVES CHEMSTAR®

Double-dipped, 40 cm, Jersey liner

- Highly durable.
- Good protection against oil and grease.
- Gloves can be used for handling acids/bases.
- Anti-bacteria treated liner.



AQL 0.65

CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003
Category:	CE Cat. III
Sizes:	9.5
Material:	Vinyl/PVC
Liner:	Jersey fleece
Colour:	Green
Thickness:	
Length:	40 cm
Weight:	
Packaging:	Pair (12/72)
Art:	109.3040



VINYL/PVC CHEMICAL RESISTANT GLOVES

Seamless nylon liner

- Highly durable.
- Soft with outstanding grip in dry, wet and oily conditions.
- Flexible, and less tiring to the hand.
- Easier to get on and off.
- Special double-dipped vinyl/PVC coating.
- REACH-compliant.

Suitable for: Refining – Oil & Petrol | Handling acids, caustics and solvents | Petrochemicals | Public utilities.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



AQL 0.65

Granberg®

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11 12
Material:	Vinyl/PVC
Liner:	Nylon
Colour:	Black, Green
Thickness:	
Length:	35 cm
Weight:	
Packaging:	Pair (6/60)
Art:	109.8135



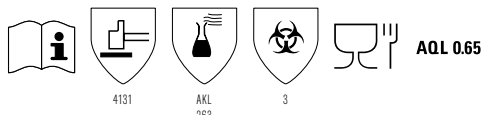
VINYL/PVC CHEMICAL RESISTANT GLOVES

Seamless nylon liner

- Highly durable.
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- Flexible, and less tiring to the hand.
- Easier to get on and off.
- Special double-dipped vinyl/PVC coating.
- REACH-compliant.

Suitable for: Fishing industry | Refining – Oil & Petrol | Handling acids, caustics and solvents | Petrochemicals | Public utilities.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



Granberg®

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Vinyl/PVC
Liner:	Nylon
Colour:	Black, Green
Thickness:	
Length:	45 cm
Weight:	
Packaging:	Pair (6/60)
Art:	109.8145

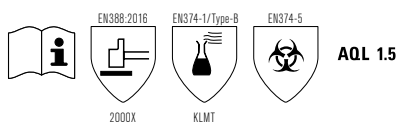


VINYL/PVC CHEMICAL RESISTANT GLOVES

Anti-allergic, cotton flock lined

- Comfortable and soft.
- Thicker gauge for increased durability.
- Resistant to many chemicals including bleach.
- Can be used with hot water.
- Anti-allergy tested. Contains no known allergens.
- Does not contain phthalates.

Suitable for: Chemical industries | Laboratories | Handling of petroleum products, oils and fats | Professional cleaning | Decontamination | Sanitation.



EURAL
TECHNICAL QUALITY

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Red
Thickness:	0,6 mm, 0,55 mm
Length:	31-33 cm
Weight:	
Packaging:	Pair (12/120)
Art:	111.0230

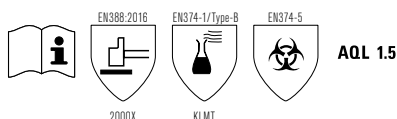


VINYL/PVC CHEMICAL RESISTANT GLOVES

Anti-allergic, cotton flock lined

- Comfortable and soft.
- Thicker gauge for increased durability.
- Resistant to many chemicals including bleach.
- Can be used with hot water.
- Anti-allergy tested. Contains no known allergens.
- Does not contain phthalates.

Suitable for: Professional cleaning | Catering etc.



Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	7 8 9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Blue
Thickness:	0,4 mm
Length:	31-33 cm
Weight:	
Packaging:	Pair (12/120)
Art:	111.0300

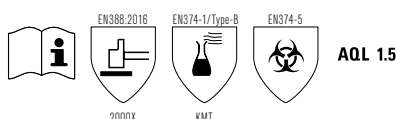


VINYL/PVC CHEMICAL RESISTANT GLOVES

With long, welded EVA cuff, cotton flock lined

- Anti-allergy tested.
- Does not contain phthalates.
- Sanprotec-treated liner.

Suitable for: High pressure washing | Cleaning | Industrial cleaning etc.



INTEGRA

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	9 10
Material:	Vinyl/PVC
Liner:	Flocklined
Colour:	Red, Clear
Thickness:	0,6 mm (Palm), 0,55 mm (Cuff)
Length:	70 cm
Weight:	
Packaging:	Pair (25/100)
Art:	111.0530

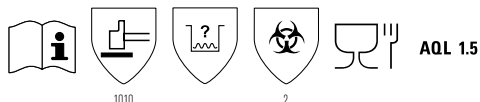


LATEX GLOVES

Cotton flock lined

- Tear-resistant beaded cuff for easy donning.
- Anti-slip pattern for good grip in wet and dry conditions.
- Pure cotton flock liner to absorb perspiration.

Suitable for: Handling meat and fatty foodstuffs | Pharmaceutical industry | Cleaning | Light assembly | Laboratories.

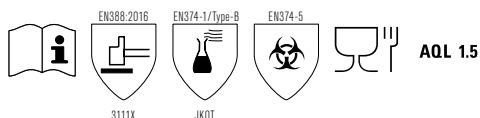


NITRILE CHEMICAL RESISTANT GLOVES

Interlock lined

- Durable.
- Protection against chemicals, diesel fuel, petrol and oil.
- Good anatomical fit applied for maximum comfort.
- 3-4 times longer life-span than equivalent vinyl/PVC gloves.

Suitable for: Direct contact with all types of foodstuffs | Oil and petrochemical industry | Fishing/fish farming | Handling shellfish | Deck work etc.

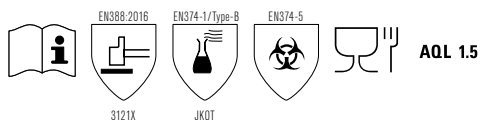


NITRILE CHEMICAL RESISTANT WINTER GLOVES

Winter lined

- Durable.
- Protection against cold and chemicals, diesel fuel, petrol and oil.
- Good anatomical fit applied for maximum comfort.
- 3-4 times longer life-span than equivalent vinyl/PVC gloves.

Suitable for: Direct contact with all types of foodstuffs | Fishing industry or work in wet and cold conditions.

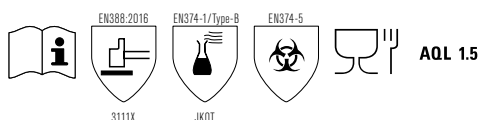


WORK GLOVES

Fully dipped, nitrile coating with knitted wrist

- Durable.
- Oil resistant.
- Good anatomical fit.
- 3-4 times longer life-span than equivalent vinyl/PVC gloves.

Suitable for: Versatile use in petrochemical | Automotive | Engineering industries | Food industry.



Granberg[®]

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	XS S M L XL
Material:	Latex
Liner:	Flocklined
Colour:	Blue
Thickness:	0,38 mm
Length:	30 cm
Weight:	
Packaging:	Pair (12/144)
Art:	112.0122

CHEMSTAR[®]
BY GRANBERG

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Interlock
Colour:	Blue
Thickness:	0,8 mm
Length:	30 cm
Weight:	
Packaging:	Pair (10/120)
Art:	114.0630

CHEMSTAR[®]
BY GRANBERG

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Synthetic liner
Colour:	Blue
Thickness:	Fleece+0,8 mm
Length:	30 cm
Weight:	
Packaging:	Pair (5/60)
Art:	114.0630W

PHULAX

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Interlock
Colour:	Blue
Thickness:	0,8 mm
Length:	24-26 cm
Weight:	
Packaging:	Pair (10/120)
Art:	114.0640

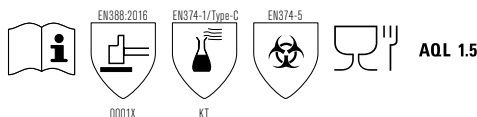


THIN NITRILE GLOVES

With long, welded EVA cuff, unlined

- Light.
- Extra thin and soft nitrile (0,20 mm) providing excellent finger sensitivity.
- Skin-friendly, does not contain latex.

Suitable for: Direct contact with all types of foodstuffs | Healthcare | Nursing homes (showering of patients) | City sewage | Agriculture | Fishing trawlers.

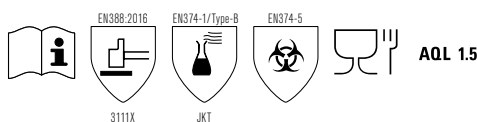


NITRILE CHEMICAL RESISTANT GLOVES

With long, welded nitrile cuff

- Resistant to fish fat, particularly salmon fat.
- Anatomic fit for optimum comfort.
- The long cuff extends the application area of the glove.

Suitable for: Work in acid baths | Washing vessels, etc., | Industrial cleaning | Septic tanks/waste removal | Chemical processing, etc.

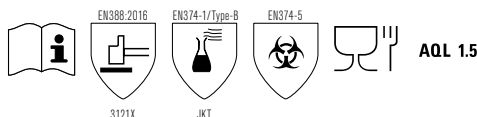


NITRILE CHEMICAL RESISTANT WINTER GLOVES

With long, welded nitrile cuff, winter lined

- Durable winter gloves that withstand the toughest conditions.
- Resistant to fish fat, particularly salmon fat.
- Anatomic fit for optimum comfort.
- The long cuff extends the application area of the glove

Suitable for: Food industry | Work with acid baths, washing trays, etc. | Industrial cleaning, sewage and waste disposal | Handling of chemicals etc.



SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Nitrile, powder-free. Orange colour. 27 cm length

- Tested and approved for various chemicals.
- Microtextured for optimum grip.
- Resistant to grease, fats, detergents, etc.
- Suitable for direct contact with all types of foodstuffs.
- Approved for medical use (EN 455).
- Does not contain silicone.

Suitable for: Laboratories | Chemical industry | Automotive industry | Mechanical workshops | Light assembly | Food industry.



INTEGRA

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10
Material:	Nitrile
Liner:	Unlined
Colour:	White, Clear
Thickness:	0,2 mm
Length:	65 cm
Weight:	
Packaging:	Pair (25/100)
Art:	114.0650

INTEGRA

Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Interlock
Colour:	Blue
Thickness:	0,8 mm
Length:	62-69 cm
Weight:	
Packaging:	Pair (6/72)
Art:	114.0660



Standards:	EN 420, 388:2016, 374:2016, 1186
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Synthetic liner
Colour:	Blue
Thickness:	Fleece+0,8 mm
Length:	60 cm
Weight:	
Packaging:	Pair (6/72)
Art:	114.0660W



Standards:	EN 420, 374:2003, 455, 1186
Category:	CE Cat. III
Sizes:	S M L XL
Material:	Nitrile
Liner:	
Colour:	Orange
Thickness:	
Length:	27 cm
Weight:	7.2 ± 0.5 g
Packaging:	Dispenser box (10/100)
Art:	114.940

**SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®**

Nitrile, powder-free. Blue colour. 30 cm length

- Double thickness compared with conventional disposable nitrile gloves.
- Textured surface for maximum grip.
- Protects against primary alcohols, saturated hydrocarbons and inorganic bases.
- Tested and approved for such chemicals as Methanol, n-Heptane and Sodium Hydroxide.
- Does not contain silicone.

Suitable for: Laboratories | Mechanical workshops | Janitorial firms etc.

50 gloves per box, 500 pcs per carton.

**SINGLE-USE GLOVES**

Nitrile, powder-free. Blue colour. 30 cm length

- Ambidextrous.
- Patented fish scale print on both sides of gloves for optimal grip.
- Approved to be used in direct contact with all types of food, including fatty foods.
- Chemical and oil resistant.
- Tear-resistant beaded cuff for easy donning.
- Extra comfortable if used with inner glove.

Suitable for: Handling meat, fish, poultry and other fatty foods | Cleaning | Light assembly

Not approved for medical use.

**SINGLE-USE CHEMICAL RESISTANT GLOVES CHEMSTAR®**

Nitrile, powder-free. Orange colour

- Ambidextrous.
- Patented fish scale print on both sides of gloves for optimal grip.
- Perfect for oily, wet and dry conditions.
- Tear-resistant beaded cuff for added protection from potential chemical spills and drips.
- Extra comfortable if used with inner glove.
- Does not contain silicone.

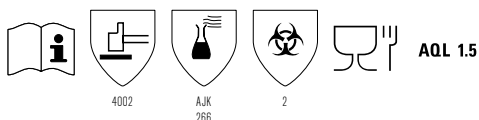
Suitable for: Automotive industry | Mechanical workshops | Light assembly | DIY shops | Chemical industry, etc.

**NITRILE CHEMICAL RESISTANT GLOVES CHEMSTAR®**

Unsupported, cotton flock lined

- Specifically designed to provide high durability and protection against solvents.
- Anti-slip pattern for good grip in wet and dry conditions.
- Approved to be used in direct contact with all types of food, including fatty foods.

Suitable for: Industrial cleaning | Petrochemical Industry | Aerospace and automobile industry | Printing industry | Surface coating | Metal fabrication | Food industry.

**CHEMSTAR®**

BY GRANBERG

Standards:	EN 420, 374:2003, 455
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	30 cm
Weight:	11.4 ± 0.3 g
Packaging:	Dispenser box (10/50)
Art:	114.950

Granberg®

Standards:	EN 420, 374:2016, 1186
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	Nitrile
Liner:	
Colour:	Blue
Thickness:	
Length:	29-30 cm
Weight:	11.4 ± 0.3 g
Packaging:	Inner Pack (10/48)
Art:	114.955

CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 374:2016, 455
Category:	CE Cat. III
Sizes:	S M L XL XXL
Material:	Nitrile
Liner:	
Colour:	Orange
Thickness:	
Length:	24 cm
Weight:	7.7 ± 0.3 g
Packaging:	Dispenser box (10/50)
Art:	114.960

CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	7 8 9 10 11 12
Material:	Nitrile
Liner:	Flocklined
Colour:	Green
Thickness:	0.38 mm
Length:	33 cm
Weight:	
Packaging:	Pair (12/144)
Art:	114.1000

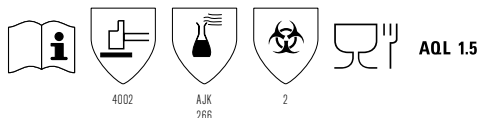


NITRILE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Unsupported, cotton flock lined. 41 cm length

- Specifically designed to provide high durability and protection against solvents.
- Thicker gauge for increased durability.
- Textured palm for excellent grip in wet and dry conditions.
- Approved to be used in direct contact with all types of food, including fatty foods.

Suitable for: Industrial cleaning | Petrochemical Industry | Aerospace and automobile industry | Printing industry | Surface coating | Metal fabrication | Food industry.



CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Nitrile
Liner:	Flocklined
Colour:	Green
Thickness:	0,52 mm
Length:	41 cm
Weight:	
Packaging:	Pair (12/72)
Art:	114.1046



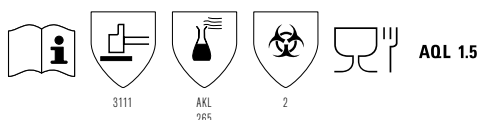
NEOPRENE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Unsupported, cotton flock lined

- Durable.
- High chemical resistance.
- Anti-slip pattern for good grip in wet and dry conditions.
- Pure cotton flock liner to absorb perspiration.

Suitable for: Automotive Industry | Chemical Industry | Industrial Cleaning | Oil Refining.

Contains latex.



CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Neoprene
Liner:	Flocklined
Colour:	Black
Thickness:	0,68 mm
Length:	33 cm
Weight:	
Packaging:	Pair (6/72)
Art:	114.2000



NEOPRENE CHEMICAL RESISTANT GLOVES

Warm acrylic liner

- Durable and comfortable.
- Retains its softness and elasticity even in cold environment.
- High chemical resistance.
- Contact heat resistance up to 250°C for 15 seconds.

Contains latex.



Granberg®

Standards:	EN 420, 388:2016, 374:2016, 407, 511
Category:	CE Cat. III
Sizes:	8 9 10
Material:	Neoprene
Liner:	Acrylic flannel
Colour:	Black
Thickness:	
Length:	40 cm
Weight:	
Packaging:	Pair (6/96)
Art:	114.3000



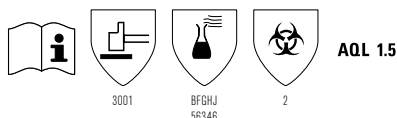
NITRILE CHEMICAL RESISTANT GLOVES CHEMSTAR®

Unsupported, unlined

- Special nitrile formulation to provide protection against a wide range of Ketones, such as e.g. Acetone and MEK.
- Lightweight and touch sensitive.
- Anatomically shaped for comfort.
- Minimal allergy risks.

Suitable for: Ink and paint industries | Manufacturing of gums, resins and composite material | Metal treatment using solvents | Printing Industry | Manufacture of plastics | Handling of ketones in laboratories.

Do not use the gloves in water or water-based solutions.



CHEMSTAR®

BY GRANBERG

Standards:	EN 420, 388:2003, 374:2003
Category:	CE Cat. III
Sizes:	9 10 11
Material:	Nitrile
Liner:	Unlined
Colour:	Blue
Thickness:	0,28 mm
Length:	33 cm
Weight:	
Packaging:	Pair (12/60)
Art:	114.3230



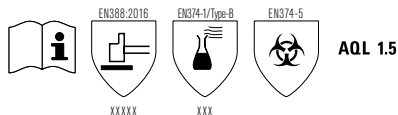
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 39 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.



Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	8 9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9011

NEW!



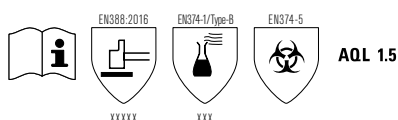
IMPACT AND CHEMICAL PROTECTIVE GLOVES

Typhoon® fibre liner

- Typhoon® cut level 5 liner provides 360° protection.
- Nitrile coating provides wide range of chemical protection.
- Outstanding palm grip to handle slippery and/or oily objects.
- Powerful impact protective details on back of hand.
- Wide cuff and glove length is 32 cm.

Suitable for: Work on drill floors (related to rigs) when in contact with oil mud and other lubricants and chemicals.

EN 388:2016 and EN 374:2016 results pending.



Granberg®

Standards:	EN 420, 388:2016, 374:2016
Category:	CE Cat. III
Sizes:	9 9 10 11
Material:	Nitrile
Liner:	Typhoon® (Fully lined)
Colour:	Green
Thickness:	
Length:	32 cm
Weight:	
Packaging:	Pair (6/36)
Art:	115.9012



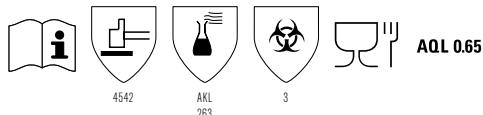
CUT AND CHEMICAL RESISTANT VINYL/PVC GLOVES

Gauntlet version on cotton/Lycra® liner with Typhoon® insert

- Highly durable.
- Comfortable. Soft, seamless cotton/Lycra® liner.
- With Typhoon® insert assuring the glove achieve cut level 5.
- Outstanding grip in dry, wet and oily conditions.
- Special double-dipped vinyl/PVC coating.
- REACH compliant.

Suitable for: Fishing industry and other industries where there is high risk of injury from cuts | Refining – Oil & Petrol | Handling acids, caustics and solvents | Petrochemicals | Public utilities.

May not be used in direct contact with fatty foods.
If working with fatty foods, use Granberg® nitrile gloves.



Granberg®

Standards:	EN 420, 388:2003, 374:2003, 1186
Category:	CE Cat. III
Sizes:	9 10 11 12
Material:	Vinyl/PVC
Liner:	Nylon/Lycra®
Colour:	Black, Green
Thickness:	
Length:	35 cm
Weight:	
Packaging:	Pair (6/60)
Art:	116.8150



PROTECTIVE COVERALLS



PROTECT YOUR MOST IMPORTANT ASSETS.

The employees are the most important assets of a company, and they deserve to feel safe and protected when they perform their jobs.

Granberg® coveralls for single use are designed using the best materials and the newest technologies possible.

They protect workers against liquid chemicals, solid and airborne particulates, dust, spray and even radioactive particulate contamination.

Fearless Performance® by Granberg®



DIFFERENT LEVELS OF PROTECTION

European standards. Compare our product on next page.

EN 14605-3



TYPE 3

**EN 14605
Type 3**

Liquid Tight Protection

Coveralls which protect against strong and directional jets of liquid chemicals.

EN 14605-4



TYPE 4

**EN 14605
Type 4**

Spray Tight Protection

Coveralls which offer protection against saturation of liquid chemicals.

EN ISO 13982-1



TYPE 5

**EN ISO 13982-1
Type 5**

Dry Particulate Protection

Coveralls which provide protection to the full body against airborne solid particulates.

EN 13034



TYPE 6

**EN 13034
Type 6**

Reduced Spray Protection

Coveralls which offer limited protection against a light spray of liquid chemicals.

EN 1073-2



EN 1073-2*

Protective clothing against radioactive particulate contamination.

EN 14126



EN 14126

Protective clothing against infective agents.

EN 1149-5



EN 1149-5

Protective clothing with electrostatic properties.

** Does not protect against ionising radiation*

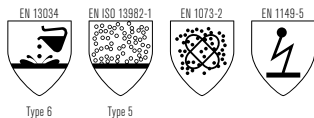


PROTECTIVE COVERALL

Type 5 and Type 6, antistatic and barrier against radioactive particulates

- Light and durable material. 3-piece hood is designed to fit when wearing respirator and goggles.
- Optimal body fit and fully elasticated waist.
- Elasticated wrists and ankles to keep particulates out.
- Generous dimensions are designed to reduce the risk of seams splitting when bending, sitting or crawling.
- Air and water vapour permeable.
- Silicone free.

Suitable for: Asbestos Handling | Automotive | Civil Protection | Construction | Decorative Work | Waste Management.

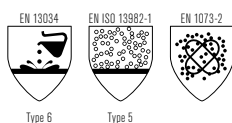


PROTECTIVE COVERALL

Type 5 and Type 6, barrier against radioactive particulates

- Light and durable material. 3-piece hood is designed to fit when wearing respirator and goggles.
- Optimal body fit and fully elasticated waist.
- Elasticated wrists and ankles to keep particulates out.
- Generous dimensions are designed to reduce the risk of seams splitting when bending, sitting or crawling.
- Air and water vapour permeable.
- Silicone free.

Suitable for: Asbestos Handling | Automotive | Civil Protection | Construction | Decorative Work | Waste Management.

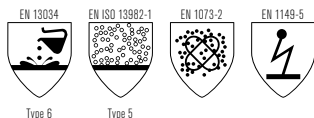


PROTECTIVE COVERALL

Type 5 and 6, antistatic and barrier against radioactive particulates

- Chemical liquid (EN 653D) and blood (ASTM F1670) penetration resistance on front fabric.
- Light and durable material.
- 2-piece hood is designed to fit when wearing respirator and goggles.
- Double storm flap for added safety.
- Optimal body fit and fully elasticated waist.
- Elasticated wrists and ankles to keep particulates out.
- Generous dimensions are designed to reduce the risk of seams splitting when bending, sitting or crawling.
- Air and water vapour permeable on the back.
- Silicone free.

Suitable for: Agriculture & Farming | Automotive | Engineering | Hazardous Material | Paint Spray | Printing.

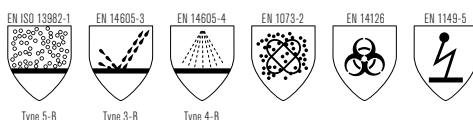


CHEMICAL-PROTECTIVE COVERALL

Type 3, 4 and 5, antistatic, barrier against radioactive particulates and infective agents

- High resistance to a range of chemicals.
- Advanced material technology.
- Class 6 of ISO 16603 for resistance of penetration by blood and body fluids.
- Class 6 of ISO 16604 for resistance of penetration by blood-borne pathogens.
- 3-piece hood is designed to fit when wearing respirator and goggles.
- Double layer of adhesive storm flaps with added adhesive chinstrap for extra protection.
- Taped seams.
- Optimal body fit.
- Elasticated wrists and ankles to keep particulates out. Thumb loops prevents sleeves sliding up.
- Generous dimensions are designed to reduce the risk of seams splitting when bending, sitting or crawling.
- Silicone free.

Suitable for: Biological Hazards | Oil Refining/ Exploration | Chemical Handling | Hazardous Material | Petrochemical | Decontamination | Industrial Clean up | Sewage Purification Installation | Oil Handling | Tank Cleaning



Granberg®

Standards:	EN 13034, 1073-2, 1149-5, ISO 13982-1
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	SMS
Liner:	
Colour:	White
Thickness:	
Length:	
Weight:	
Packaging:	Piece (50)
Art:	210.1510

Granberg®

Standards:	EN 13034, 1073-2, ISO 13982-1
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	SMS
Liner:	
Colour:	Blue
Thickness:	
Length:	
Weight:	
Packaging:	Piece (50)
Art:	210.1510B

Granberg®

Standards:	EN 13034, 1073-2, 1149-5, ISO 13982-1
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	Polyolefin
Liner:	
Colour:	White
Thickness:	
Length:	
Weight:	
Packaging:	Piece (50)
Art:	210.2010

Granberg®

Standards:	EN 14126, 1073-2, 1149-5, ISO 13982-1, 14605-3, 14605-4
Category:	CE Cat. III
Sizes:	S M L XL XXL XXXL
Material:	
Liner:	
Colour:	Yellow
Thickness:	
Length:	
Weight:	
Packaging:	Piece (12)
Art:	210.3010



: SINGLE-USE : CLOTHING



PRODUCT CATEGORY OVERVIEW

Find product details on the following pages.



Art.no	Product	Material				Colour	Thickness (microns)	Food safe	More
		PE	CPE	LDPE	NON-WOVEN PP				
210.0010	VISITOR'S SET					WHITE/BLUE			
210.0020	FACE MASK				•	WHITE			
210.0021	BEARD COVER				•	WHITE			14 gsm
210.0032	DISPOSABLE APRON			•		WHITE	40	•	150 cm
210.0032-1	DISPOSABLE APRON			•		BLUE	40	•	150 cm
210.0033	DISPOSABLE APRON			•		WHITE	40	•	160 cm
210.0033-1	DISPOSABLE APRON			•		BLUE	40	•	160 cm
210.0034	DISPOSABLE APRON			•		WHITE	40	•	130 cm
210.0034-1	DISPOSABLE APRON			•		BLUE	40	•	130 cm
210.0040	SNOOD CAP				•	WHITE			11 gsm
210.0040B	SNOOD CAP				•	BLUE			11 gsm
210.0040G	SNOOD CAP				•	GREEN			11 gsm
210.0040R	SNOOD CAP				•	RED			11 gsm
210.0045	MOB CAP				•	WHITE			10 gsm
210.0045B	MOB CAP				•	BLUE			10 gsm
210.0045G	MOB CAP				•	GREEN			10 gsm
210.0045R	MOB CAP				•	RED			10 gsm
210.0049	HOOD				•	WHITE			30 gsm
210.0050	PEAKED CAP				•	WHITE			11 gsm
210.0050B	PEAKED CAP				•	BLUE			11 gsm
210.0050G	PEAKED CAP				•	GREEN			11 gsm
210.0050R	PEAKED CAP				•	RED			11 gsm
210.0060	SHOE COVER STANDARD		•			BLUE	36		16 in
210.0061	SHOE COVER STANDARD		•			BLUE	36		18 in
210.0061S	SHOE COVER STANDARD		•			BLUE	30		18 in
210.0062	SHOE COVER DOUBLE		•			WHITE	65		16 in
210.0063	BOOT COVER		•			WHITE	65		16 in
210.0064	SHOE COVER DOUBLE		•			GREEN	65		17 in
210.0070	SLEEVE COVER		•			WHITE	16		43 cm
210.0073B	SLEEVE COVER		•			BLUE	16		43 cm
210.0074B	SLEEVE COVER		•			BLUE	25		60 cm
210.0080	VISITOR'S COAT		•			WHITE	25		Knee length
210.0085	DISPOSABLE GOWN		•			BLUE	30		
210.0090	VISITOR'S COAT				•	WHITE			35 gsm
210.0095	DISPOSABLE COVERALL				•	WHITE		•	37 gsm
210.0095B	DISPOSABLE COVERALL				•	BLUE		•	37 gsm
210.1012	DUST RESPIRATOR P2					WHITE			16,7 g ± 0.5 g
904.2000	SHOE COVER DISPENSER					WHITE			
904.2010	SHOE COVER		•			BLUE	35		Suits in dispenser



VISITOR'S SET

Multi-piece set

Consists of:

- 1 pcs. Visitor's coat. Made of PE plastic.
- 2 pcs. Shoe covers. Made of CPE plastic.
- 1 pcs. Cap. Made of non-woven polypropylene.
- 1 pcs. Face mask. Made of non-woven polypropylene.

Sizes:	One size
Material:	
Colour:	Blue, White
Weight:	17,2 g
Packaging:	Outer case (1/200)
Art:	210.0010



FACE MASKS

Non-woven polypropylene

- Layered. 3-layer material with soft, elastic band for ears.
- 100% latex-free.
- 99% particle filtration.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	4,2 g
Packaging:	Outer case (50/1000)
Art:	210.0020

NEW!



BEARD COVER

Comfortable elastic band

- Made of soft non-woven polypropylene material.
- Breathable, lightweight and hygienic.
- Perfect for work areas where hair cover is encouraged or required.

Suitable for: Catering | Restaurants | Food production | Healthcare.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	14 g
Packaging:	Outer case (100/1000)
Art:	210.0021



DISPOSABLE APRONS

LDPE, 40 microns, 150 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Also available in 90 x 160 cm (art. 210.0033)

Sizes:	One size
Material:	LDPE
Colour:	White
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0032



DISPOSABLE APRONS

LDPE, 40 microns, 150 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Also available in 90 x 160 cm (art. 210.0033-1)

Sizes:	One size
Material:	LDPE
Colour:	Blue
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0032-1



DISPOSABLE APRONS

LDPE, 40 microns, 160 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Also available in 90 x 150 cm (art. 210.0032)

Sizes:	One size
Material:	LDPE
Colour:	White
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0033



DISPOSABLE APRONS

LDPE, 40 microns, 160 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Also available in 90 x 150 cm (art. 210.0032-1)

Sizes:	One size
Material:	LDPE
Colour:	Blue
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0033-1



DISPOSABLE APRONS

LDPE, 40 microns, 130 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Sizes:	One size
Material:	LDPE
Colour:	White
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0034



DISPOSABLE APRONS

LDPE, 40 microns, 130 cm

- Perforated tear line and holes for hanging.
- Thickness: 40 microns.
- 100% virgin PE.
- Suitable for direct contact with all types of foodstuffs.

Sizes:	One size
Material:	LDPE
Colour:	Blue
Weight:	
Packaging:	Outer case (50/250)
Art:	210.0034-1



SNOOD CAPS

With non-woven polypropylene visor

- Comfortable. Made of soft polypropylene fibre.
- Hygienic. Elastic hairnet covers the hair 100%.

Also available in white, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Blue
Weight:	40 g
Packaging:	Outer case (100/1000)
Art:	210.0040B



SNOOD CAPS

With non-woven polypropylene visor

- Comfortable. Made of soft polypropylene fibre.
- Hygienic. Elastic hairnet covers the hair 100%.

Also available in blue, green and white colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Red
Weight:	40 g
Packaging:	Outer case (100/1000)
Art:	210.0040R



MOB CAPS

With elastic edge

- Comfortable. Made of soft polypropylene fibre with an encapsulated elastic edge.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in white, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Blue
Weight:	2,7 g
Packaging:	Outer case (100/1000)
Art:	210.0045B



SNOOD CAPS

With non-woven polypropylene visor

- Comfortable. Made of soft polypropylene fibre.
- Hygienic. Elastic hairnet covers the hair 100%.

Also available in blue, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	40 g
Packaging:	Outer case (100/1000)
Art:	210.0040

SNOOD CAPS

With non-woven polypropylene visor

- Comfortable. Made of soft polypropylene fibre.
- Hygienic. Elastic hairnet covers the hair 100%.

Also available in blue, white and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Green
Weight:	40 g
Packaging:	Outer case (100/1000)
Art:	210.0040G

MOB CAPS

With elastic edge

- Comfortable. Made of soft polypropylene fibre with an encapsulated elastic edge.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	2,7 g
Packaging:	Outer case (100/1000)
Art:	210.0045

MOB CAPS

With elastic edge

- Comfortable. Made of soft polypropylene fibre with an encapsulated elastic edge.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, white and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Green
Weight:	2,7 g
Packaging:	Outer case (100/1000)
Art:	210.0045G



MOB CAPS

With elastic edge

- Comfortable. Made of soft polypropylene fibre with an encapsulated elastic edge.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, green and white colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Red
Weight:	2,7 g
Packaging:	Outer case (100/1000)
Art:	210.0045R



PEAKED CAPS

With non-woven visor

- Comfortable. Made of soft polypropylene fibre with a non-woven visor.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	8,5 g
Packaging:	Outer case (100/1000)
Art:	210.0050



PEAKED CAPS

With non-woven visor

- Comfortable. Made of soft polypropylene fibre with a non-woven visor.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, white and red colours

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Green
Weight:	8,5 g
Packaging:	Outer case (100/1000)
Art:	210.0050G



SHOE COVERS, STANDARD

CPE plastic, 16 in

- Thickness: 36 microns.
- Weight: 4,4 g/pc.

Sizes:	One size
Material:	CPE
Colour:	Blue
Weight:	4,4 g
Packaging:	Outer case (100/2000)
Art:	210.0060



HOOD

Comfortable design with elastic face-enclosure

- Made of soft non-woven polypropylene material.
- Breathable, lightweight and hygienic.
- Covers the hair 100% and prevents food contamination by hair.

Suitable for: Catering | Restaurants | Food production | Healthcare

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	9,6 g
Packaging:	Outer case (100/1000)
Art:	210.0049



PEAKED CAPS

With non-woven visor

- Comfortable. Made of soft polypropylene fibre with a non-woven visor.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in white, green and red colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Blue
Weight:	8,5 g
Packaging:	Outer case (100/1000)
Art:	210.0050B



PEAKED CAPS

With non-woven visor

- Comfortable. Made of soft polypropylene fibre with a non-woven visor.
- Hygienic. Elastic hairnet covers the hair 100%.
- Double elastic for extra comfort (latex-free).

Also available in blue, green and white colours.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	Red
Weight:	8,5 g
Packaging:	Outer case (100/1000)
Art:	210.0050R



SHOE COVERS, STANDARD

CPE plastic, 18 in

- Thickness: 36 microns.
- Weight: 4,8 g/pc.

Sizes:	One size
Material:	CPE
Colour:	Blue
Weight:	4,8 g
Packaging:	Outer case (100/2000)
Art:	210.0061



SHOE COVERS, STANDARD

CPE plastic, 18 in

- Thickness: 30 microns.
- Weight: 4.1 g/pc.

Sizes:	One size
Material:	CPE
Colour:	Blue
Weight:	4,1 g
Packaging:	Outer case (100/2000)
Art:	210.0061S



SHOE COVERS, DOUBLE THICKNESS

CPE plastic, 16 in

- Thickness: 65 microns.
- Weight: 8 g/pc.

Sizes:	One size
Material:	CPE
Colour:	White
Weight:	8 g
Packaging:	Outer case (50/1000)
Art:	210.0062



BOOT COVERS

CPE plastic, 16 in

- Thickness: 65 microns.

Sizes:	One size
Material:	CPE
Colour:	White
Weight:	16,4 g
Packaging:	Outer case (20/500)
Art:	210.0063



SHOE COVERS, DOUBLE THICKNESS

Green CPE plastic, 17 in

- Strong 65 microns material.
- Weight: 14,5 g/pc.

Sizes:	One size
Material:	CPE
Colour:	Green
Weight:	14,5 g
Packaging:	Outer case (20/500)
Art:	210.0064



SLEEVE COVERS

Polyethylene, 43 cm, 16 microns

- Flexible.
- Elastic opening and wristband.

Sizes:	One size
Material:	PE
Colour:	White
Weight:	4 g
Packaging:	Outer case (100/1000)
Art:	210.0070



SLEEVE COVERS

Polyethylene, 43 cm, 20 microns

- Flexible.
- Elastic opening and wristband.

Sizes:	One size
Material:	PE
Colour:	Blue
Weight:	4 g
Packaging:	Outer case (100/1000)
Art:	210.0073B



SLEEVE COVERS

Polyethylene, 60 cm, 25 microns

- Elastic opening and wristband.

Sizes:	One size
Material:	PE
Colour:	Blue
Weight:	6,5 g
Packaging:	Outer case (100/1000)
Art:	210.0074B



VISITOR'S COAT

PE plastic, knee length

- Comfortable design allowing great freedom of movement.
- Buttons in front.
- Thickness: 25 microns.

Sizes:	One size
Material:	PE
Colour:	White
Weight:	58 g
Packaging:	Outer case (12/240)
Art:	210.0080



DISPOSABLE GOWNS

CPE plastic

- Elasticated wrists.
- Thickness: 30 microns.

Sizes:	One size
Material:	CPE
Colour:	Blue
Weight:	80 g
Packaging:	Outer case (1/75)
Art:	210.0085



DISPOSABLE COVERALL

Non-woven polypropylene

- Coverall protects the wearer's clothing.
- Breathable material reduces the risk of irritation from heat.
- Comfortable design allowing great freedom of movement.
- Elastic cuffs, ankles and waist maximises fit and safety.
- Suitable for direct contact with all types of foodstuffs.

Suitable for: Office cleaning | Goods handling | Light duties.

Sizes:	L XL XXL XXXL
Material:	Non-woven polypropylene
Colour:	White
Weight:	
Packaging:	Outer case (1/40)
Art:	210.0095



SHOE COVERS

Pre-bundled for use in shoe cover dispensers

- Bundles of 110 shoe covers for shoe cover dispensers (art. 904.2000).
- Thickness: 35 microns.

Sizes:	One size
Material:	CPE
Colour:	Blue
Weight:	
Packaging:	Outer case (1/3300)
Art:	904.2010



VISITOR'S COAT

Non-woven polypropylene, knee length

- Comfortable design allowing great freedom of movement.
- Elastic cuffs maximise fit.
- Made of non-woven polypropylene material with front popper fastenings.

Sizes:	One size
Material:	Non-woven polypropylene
Colour:	White
Weight:	
Packaging:	Outer case (1/100)
Art:	210.0090



DISPOSABLE COVERALL

Non-woven polypropylene

- Coverall protects the wearer's clothing.
- Breathable material reduces the risk of irritation from heat.
- Comfortable design allowing great freedom of movement.
- Elastic cuffs, ankles and waist maximises fit and safety.
- Suitable for direct contact with all types of foodstuffs.

Suitable for: Office cleaning | Goods handling | Light duties.

Sizes:	L XL XXL XXXL
Material:	Non-woven polypropylene
Colour:	Blue
Weight:	
Packaging:	Outer case (1/40)
Art:	210.0095B



DUST RESPIRATOR P2

With valve

- Ultra-light 16,7 g ± 0,5 g and maintenance-free.
- Easy to apply and comfortable to wear.
- Adjustable nosepiece and soft foam gasket.
- Conforms to EN 149:2009.

Sizes:	One size
Material:	PP
Colour:	White
Weight:	16,7 g ± 0,5 g
Packaging:	Inner Pack (20/10)
Art:	210.1012



OTHER PRODUCTS

GLOVE CLIP
004.0020





GLOVE CLIP, PINCH CLASP

- Features patented safety breakaway design.
- Attaches to belt loops or clothing.
- Non-conductive and non-corrosive.



GLOVE CLIP, BELT CLASP

- Features patented safety breakaway design.
- Attaches to belt.
- Non-conductive and non-corrosive.

NEW!



HEAT REFLECTIVE ALUMINIZED HAND SHIELDS

Glove protection

- Significantly extends life of gloves.
- Recommended to be worn on Granberg welding gloves.
- Resistant to flame (EN 15025:2003).
- Reflects heat and resists sparks and spatter.
- Kevlar® layer inside for added protection.

Suitable for: Varied welding.

Gloves are not included.



GLOVE DISPENSERS

Plexiglass

Universal. Fits most boxes of disposable gloves.
25 cm long, 13 cm high and 8 cm deep.



Standards:	
Category:	CE
Sizes:	
Material:	Plastic
Liner:	
Colour:	Blue
Thickness:	
Length:	
Weight:	
Packaging:	Piece
Art:	004.0020



Standards:	
Category:	CE
Sizes:	
Material:	Plastic
Liner:	
Colour:	Blue
Thickness:	
Length:	
Weight:	
Packaging:	Piece
Art:	004.0021



Standards:	EN 15025:2003
Category:	CE
Sizes:	One size
Material:	Cow grain, Kevlar®
Liner:	
Colour:	Silver
Thickness:	
Length:	
Weight:	
Packaging:	Pair (12/72)
Art:	004.1692



Standards:	
Category:	
Sizes:	One size
Material:	Plexiglass
Liner:	
Colour:	Transparent
Thickness:	
Length:	
Weight:	0,7 g
Packaging:	Outer case (1/2)
Art:	904.1000



GLOVE DISPENSERS

Plexiglass

- Created for use with single-use gloves art. 114.624 and 114.626 dispensers.
- 25 cm long, 13 cm high and 10 cm deep.



GLOVE DISPENSERS

Plexiglass

- Created for use with single-use gloves art. 111.0092 and 111.0094 dispensers.
- 26,5 cm long, 14,5 cm high and 6 cm deep.



SHOE COVER DISPENSERS

Simple mechanical design. No power needed

Shoe covers are automatically applied, with no need for the user to bend down. A bundle of 110 shoe covers can be quickly and easily loaded into the dispenser.

With no need for electrical power, the shoe cover dispenser can be placed anywhere. The internal mechanical design is so simple it cannot be damaged. Makes cleaning easier and less costly.

Suitable for: Hospitals | Oil rigs | Factories | Laboratories | Offices | Computer rooms, etc.



SHOE COVERS

Pre-bundled for use in shoe cover dispensers

Bundles of 110 shoe covers for shoe cover dispensers (art. 904.2000)
Thickness: 35 microns.

GranberG®

Standards:	
Category:	
Sizes:	One size
Material:	Plexiglass
Liner:	
Colour:	Transparent
Thickness:	
Length:	
Weight:	
Packaging:	Outer case (1/2)
Art:	904.1300

GranberG®

Standards:	
Category:	
Sizes:	One size
Material:	Plexiglass
Liner:	
Colour:	Transparent
Thickness:	
Length:	
Weight:	
Packaging:	Outer case (1/2)
Art:	904.1400

GranberG®

Standards:	
Category:	
Sizes:	One size
Material:	Plastic
Liner:	
Colour:	White
Thickness:	
Length:	
Weight:	10 g
Packaging:	Piece (1)
Art:	904.2000

GranberG®

Standards:	
Category:	
Sizes:	One size
Material:	CPE
Liner:	
Colour:	Blue
Thickness:	
Length:	
Weight:	
Packaging:	Outer case (1/3300)
Art:	904.2010



SOCKS

Norwegian wool

78% wool, 20% polyamide, 2% Lycra.
Normal length.



DISPENSERS FOR SINGLE-USE PRODUCTS

Solid plastic

Highly practical dispenser installed vertically on the wall.
Empty the bag of disposable products straight into the dispenser.

Features a viewing window to check product levels within, and a hinged top for refilling.



FLOOR STANDS

Steel

Flexible placement of suspension hooks to accommodate the gloves on the racks. The floor stand has a removable wire basket for placement of additional products, brochures or other related items. Mobile.

Fitted with wheels for easy relocation even with products mounted.
59 cm wide, 195 cm high, 50 cm deep. 15 suspension hooks.

Also available in 80 cm height.



DESK STANDS

Steel

Flexible placement of suspension hooks to accommodate the gloves on the racks.
44 cm wide, 80 cm high, 34 cm deep. 3 suspension hooks.

Also available in 195 cm height.



Standards:	
Category:	
Sizes:	37-40 40-43 44-47
Material:	Wool/Polyamide/Lycra®
Liner:	
Colour:	Grey
Thickness:	
Length:	
Weight:	21 g
Packaging:	Pair (120)
Art:	211.630



Standards:	
Category:	
Sizes:	One size
Material:	Plastic
Liner:	
Colour:	Blue, White
Thickness:	
Length:	
Weight:	
Packaging:	Piece (1)
Art:	214.64110



Standards:	
Category:	
Sizes:	One size
Material:	Steel
Liner:	
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Piece
Art:	995.7100GB



Standards:	
Category:	
Sizes:	One size
Material:	Steel
Liner:	
Colour:	Black
Thickness:	
Length:	
Weight:	
Packaging:	Piece
Art:	995.7200GB

STANDARDS AND MARKINGS

European standards have been developed to unify national provisions relating to PPE across Member States. Council Directive 89/391/EEC sets broad guidelines for health and safety at workplace and places a duty for employer "to make appropriate personal protective equipment available to their staff".

It also introduces strict requirements for PPE suppliers. Now these requirements are acknowledged internationally helping employers to choose the right PPE, including protective gloves.

EN 420:2003

General requirements for protective gloves.



All PPE protective gloves must comply with this standard. It covers areas including:

DESIGN AND CONSTRUCTION

Gloves should provide the highest degree of protection for intended area of use.

SAFETY AND INNOCUOUSNESS

- Glove itself should not cause any harm to user.
- pH value should be between 3.5 and 9.5.
- Chromium VI content should not exceed < 3 mg/kg.
- Latex gloves should be tested on protein content as per EN 455-3.
- Gloves that are designed to reduce the risk of electrostatic discharges, should be tested as per EN 1149 for electrostatic properties.

DEXTERITY

Performance is graded as per table below:

PERFORMANCE LEVEL	SMALLEST DIAMETER (MM) OF PIN THAT CAN BE PICKED UP WITH A GLOVED HAND 3 TIMES IN 30 SECONDS.
1	11,0
2	9,5
3	8,0
4	6,5
5	5,0

COMFORT AND EFFICIENCY

Sizing as per table below:

EN 420	EQUALS	HAND CIRCUMFERENCE/ LENGTH (MM)	MINIMUM LENGTH OF THE GLOVE (MM)
6	XS	152/160	220
7	S	178/171	230
8	M	203/182	240
9	L	229/192	250
10	XL	254/204	260
11	XXL	279/215	270

CATEGORIES

In order to comply with a number of requirements in the commercial sector, protective gloves are separated into three categories:

Category I : For minimal risks.

Category II : For intermediate risks, e.g. mechanical risks.

Category III : For irreversible or mortal risks, e.g. injuries from chemicals.

A declaration of conformity is required for all categories. The manufacturer or importer must provide a declaration of conformity upon request.

General requirements for instruction of use must include:

- Name and address of the manufacturer or representative.
- Glove designation.
- Available size range.
- CE mark.
- Care and storage instructions.
- Instructions and limitations of use.
- Name and address of notified body that certified the product.







EN 388:2016



GENERAL REQUIREMENTS FOR PROTECTIVE GLOVES

The European Standard EN 388:2016 covers the test requirements for safety gloves that are provided to protect against mechanical risks, which covers abrasion, blade cut, puncture, tearing and impact.

The EN 388:2016 Standard is a revised version of the former EN 388 Standard (EN 388:2003). It has increased the scope of testing required, and the test results thus provide customers with more information, helping them to make the right choice of hand protection for their needs.

-  A Abrasion resistance
-  B Circular blade cut resistance
-  C Tear resistance
-  D Puncture resistance
-  E Straight blade cut resistance
-  F Impact protection

A Abrasion resistance

Based on the number of cycles needed to abrade through a sample of the glove. Samples are cut from the glove palm and rubbed against sandpaper of a certain quality under a certain constant pressure as defined by the standard. The level of abrasion resistance is measured by the number of cycles reached when a hole appears on the relevant glove sample.

B Circular blade cut resistance

Based on the number of cycles required to cut through a sample of the glove palm with a circular, counter-rotating blade.

C Tear resistance

Based on the amount of force required to tear a sample of the glove apart.

D Puncture resistance

Based on the amount of force required to penetrate the sample with a defined stylus. This is not an indication of the resistance to sharply pointed objects, e.g. hypodermic needle.

E Straight blade cut resistance, EN ISO 13997

In the recently revised EN 388 Standard (EN 388:2016), the Circular blade cut resistance test is still in use, and the results from this test are applicable to gloves that do not dull the blade. However, materials that noticeably dull the blade during this test, are now to be tested according to the newly included EN ISO 13997 Straight blade cut resistance test. In these cases, the Circular blade cut resistance test results must be recorded as X (not applicable).

EN ISO 13997 determines the force in Newtons (N) required to cut through a material sample.

F Impact Protection

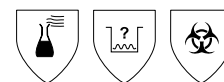
Gloves that have specific impact resistant properties on the back of the hand can be tested against an updated EN 13594:2015 standard.

In this test, the glove knuckles are impacted by a 2.5 kg flat face striker from a sufficient height, creating an impact energy of 5J.

If the sample has achieved a result of Level 1, the letter «P» is added to the results.

TEST	PROTECTION LEVEL	1	2	3	4	5	
A	Abrasion resistance (No. of cycles)	100	500	2.000	8.000		
B	Circular blade cut resistance (Index)	1,2	2,5	5,0	10,0	20,0	
C	Tear resistance (N)	10	25	50	75		
D	Puncture resistance (N)	20	60	100	150		
	PROTECTION LEVEL	A	B	C	D	E	F
E	Straight blade cut resistance (N) (EN ISO 13997)	2	5	10	15	22	30
	PROTECTION LEVEL	P					
F	Impact protection	Pass (Level 1 ≤ 9kN)					

EN 374:2016



PROTECTIVE GLOVES AGAINST CHEMICALS AND MICRO-ORGANISMS

This standard specifies the requirements against which the capacity of a glove to act as a protective barrier against chemicals and/or micro-organisms is tested.

It consists of five parts:

- **PART 1:** Mechanical and physical integrity. (EN ISO 374-1:2016)
- **PART 2:** Resistance to penetration. (EN 374-2:2014)
- **PART 3:** Resistance to permeation by chemicals. (EN 374-3:2016/EN 16523-2015)
- **PART 4:** Resistance to degradation by chemicals. (EN 374-4:2013)
- **PART 5:** Performance requirements for micro-organisms risks. (EN ISO 374-5:2016)

PART 2: RESISTANCE TO PENETRATION

Penetration is a physical process whereby a liquid or air penetrates a fabric by passing through pores, seams or pinholes in the fabric.

Two tests are performed in this part of EN 374:2014:

- **Air leak test:** The glove is inflated with air pressure and submerged into a tank of water. Leaks are identified by visible bubbles.
- **Water leak test:** The glove is filled with water and its outer surface is examined for water drops.

PART 3: RESISTANCE TO PERMEATION BY CHEMICALS

New permeation test method EN 16523-1:2015 replaces EN 374-3:2003.

Permeation is a process by which a potentially hazardous chemical moves through a material on the molecular level. In the laboratory, permeation is measured by a parameter called **breakthrough time**.

Breakthrough time is the time a potentially hazardous chemical takes to permeate through the glove material and reach the inside of the glove.

It is determined by applying a potentially hazardous chemical to the exterior surface of the glove and measuring the time it takes before the chemical is detected on the inside surface. It gives an indication of how long a glove can be used with a certain chemical.

PERFORMANCE LEVEL	1	2	3	4	5	6
BREAKTHROUGH TIME (Min)	≤ 10	≤ 30	≤ 60	≤ 120	≤ 240	≤ 480

Although tests are performed according to the standard, factors such as temperature and stretching have a great influence on how fast the chemical permeates through the glove material. Granberg recommends a 25% safety margin.

EN 374:2016 defines a list of 18 chemicals (6 chemicals are new)

List of test chemicals specified in EN ISO 374-1:2016:

CHEMICAL	CAS #	CLASS
A Methanol	67-56-1	Primary alcohol
B Acetone	67-64-1	Ketone
C Acetonitrile	75-05-8	Nitrile compound
D Dichloromethane	75-09-2	Chlorinated paraffin
E Carbon disulphide	75-15-0	Organic compound containing sulphur
F Toluene	108-88-3	Aromatic hydrocarbon
G Diethylamine	109-89-7	Amine
H Tetrahydrofuran	109-99-9	Heterocyclic and ether compound
I Ethyl acetate	141-78-6	Ester
J n-heptane	142-82-5	Saturated hydrocarbon
K 40% Sodium hydroxide	1310-73-2	Inorganic base
L 96% Sulphuric acid	7664-93-9	Inorganic mineral acid
M 65% nitric acid	7697-37-2	Inorganic mineral acid
N 99% acetic acid	64-19-7	Organic acid
O 25% ammonium hydroxide	1336-21-6	Organic base
P 30% hydrogen peroxide	7722-84-1	Peroxide
S 40% hydrofluoric acid	7664-39-3	Inorganic mineral acid
T 37% formaldehyde	50-00-0	Aldehyde

It may only be asserted that gloves protect against Chemical Risks when type A, B or C performance is achieved using permeation test method EN 374-3:2016/ EN 16523-1:2015.

Type A - Minimum 6 chemicals must reach at least level 2 performance.

Type B - Minimum 3 chemicals must reach at least level 2 performance.

Type C - Minimum 1 chemicals must reach at least level 2 performance.



PART 4: RESISTANCE TO DEGRADATION BY CHEMICALS

In order to claim that a glove provides protection against a chemical on the list, permeation and degradation tests must be carried out. The results of the degradation test must appear in the User Instructions.

The principle of this test is to assess if a change of a certain nature has occurred in the glove after continuous contact with a chemical. It is determined by a puncture resistance test similar to that of EN 388:2016.

PART 5: PERFORMANCE REQUIREMENTS FOR MICRO-ORGANISMS RISKS

Protection against bacteria and fungi can be claimed if penetration (EN 374-2:2013) and EN 420 general requirements are met.

It is possible to declare that a glove provides protection against viruses if it meets the requirements of ISO 16604:2004 procedure B.



EN 407:2004



PROTECTIVE GLOVES AGAINST THERMAL RISKS

This standard specifies thermal performance for protective gloves against heat and/or fire.

The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities. Gloves must also achieve at least Performance level 1 for EN 388:2003 standard abrasion and tear.



- A** Burning behaviour (X, 0-4)
- B** Contact heat resistance (X, 0-4)
- C** Convective heat resistance (X, 0-4)
- D** Radiant heat resistance (X, 0-4)
- E** Resistance to small splashes of molten metal (X, 0-4)
- F** Resistance to large splashes of molten metal (X, 0-4)

A Burning behaviour (Performance level 0-4)

Based on the length of time the material continues to burn and glow after the source of ignition is removed. The flame is held against the material for 15 seconds. The seams of the glove shall not come apart after an ignition time of 15 seconds.

PERFORMANCE LEVEL	AFTER FLAME TIME (Sec)	AFTER GLOW TIME (Sec)
1	20	No requirement
2	10	120
3	3	25
4	2	5

B Contact heat resistance (Performance level 0-4)

Based on the temperature range at which the user will feel no pain for at least 15 seconds. During the testing, glove's material is exposed to high temperatures (up to 500°C). To gain the relevant performance level, the temperature of the inside of the glove cannot increase more than 10°C within the threshold time (15 seconds).

PERFORMANCE LEVEL	CONTACT TEMPERATURE °C	THRESHOLD TIME
1	100	15
2	250	15
3	350	15
4	500	15

C Convective heat resistance (Performance level 0-4)

Based on the length of time the glove is able to delay the transfer of heat from a flame. Samples are subjected to the incident heat from a flame, and the amount of time is measured to increase of the glove's inside material by 24°C.

- D Radiant heat resistance** (performance level 0-4)
Based on the length of time the glove is able to delay the transfer of heat when exposed to a radiant heat source.
- E Resistance to small splashes of molten metal** (Performance level 0-4)
The number of molten iron (other metals can be tested as required) drops required to heat the glove sample by 40°C, shows the performance level the glove corresponds to.

PERFORMANCE LEVEL	NUMBER OF DROPLETS
1	10
2	15
3	25
4	35

- F Resistance to large splashes of molten metal** (Performance level 0-4)
A quantity of molten iron is poured onto the sample, which has simulant of skin attached to the sample. The weight of molten metal is measured of how much molten metal is required to damage the simulant of skin. The test is failed if metal droplets remain stuck to the specimen or if the specimen is punctured or ignites.

PERFORMANCE LEVEL	MOLTEN IRON (G)
1	30
2	60
3	120
4	200

EN 511:2006



GLOVES GIVING PROTECTION FROM COLD (DOWN TO -50°C)

Protection against cold is expressed by a pictogram followed by a series of 3 performance levels, relating to specific protective qualities.



ABC

- A** Convective cold (X, min. 0, max.)
B Contact cold (X, min. 0, max.)
C Penetration by water (X, 0/1 – after 30 min)

- A Resistance to convective cold** (Performance level 0 - 4).
Based on the thermal insulation properties of the glove. The power required to maintain a constant temperature on a heated hand model in a climatic room is measured.
- B Resistance to contact cold** (Performance level 0 - 4).
Based on the thermal resistance of the glove material when exposed to contact with a cold object.
- C Penetration by water** (0 or 1).
0 = water penetrates after 30 minutes of exposure.
1 = water does not penetrate after 30 minutes of exposure.

EN 455



MEDICAL GLOVES FOR SINGLE USE

This standard specifies requirements and tests for gloves for medical purpose. Requirements are detailed in the Medical Device Directive 93/42/EEC.

This includes tests to assess the freedom from holes, the dimensions of the gloves and the mechanical strength of its materials, both before and after an ageing process.

PART 1

EN 455-1 covers requirements and testing of gloves for freedom from holes. For this test the standard uses a water leak test to which randomly sampled gloves are subjected. A statistical sample taken from a batch must achieve an acceptable quality level (AQL) of 1.5 or better in order to be used as examination, procedure or surgical gloves. AQL 1.5 is equivalent to a maximum risk of 1.5% that any given glove contains a pinhole capable of allowing water, and therefore micro-organisms, through the material.

PART 2

EN 455-2 describes the testing requirements for determination of physical properties, including tensile strength, before and after accelerated ageing, of medical gloves. Gloves are treated differently depending on the use they are intended for and the material they are manufactured from.

PART 3

EN 455-3 covers requirements and testing for biological evaluation. It specifies methods for protein testing (extractable latex proteins have an important role in latex allergy), powder levels, and endotoxin levels.

PART 4

EN 455-4 covers requirements and testing for shelf life determination. It specifies real-time and accelerated shelf life studies, to enable manufacturers to prove that their product will withstand up to 3 years (usually) without losing their properties as well as complying with the requirements of the EN 455.

EN 12477:2001



PROTECTIVE GLOVES FOR WELDERS

This standard applies to protective gloves for use in manual metal welding, cutting and allied processes. It includes reference to EN 420, EN 388 and EN 407 requirements.

Compliance to EN 420, except for lengths:

Size	6	7	8	9	10	11	
	300	310	320	330	310	350	MM

TYPE A: lower dexterity and higher performance for physical characteristics. This type is recommended for all welding operations where higher protection would be needed, except TIG* welding.

TYPE B: higher dexterity and lower physical performance. This type is recommended for TIG* welding.

* Tungsten inert gas (TIG) welding is an arc welding process that uses a non-consumable tungsten electrode to produce the weld.

GLOVE MATERIALS AND DEFINITIONS

NATURAL MATERIALS

BAMBOO

Bamboo is natural fiber made from a herbaceous plant, it's very soft, velvety and slightly glossy. Bamboo fiber has anti-microbial and anti-fungal properties that are retained even after numerous washings. Those anti-microbial properties reduce or remove the unpleasant odours that can develop when wearing other gloves.

Bamboo is an ecologically sound crop, no pesticides are used in its cultivation and Bamboo fiber can absorb moisture 3-4 times faster than cotton and it dries twice as fast. This amazing natural fiber is non-irritant to the skin so Bamboo gloves are an essential alternative for people who suffer from allergies and sensitive skin conditions.

COTTON

Cotton (CO) is a plant that is usually processed to yarn, suitable for soft, air permeable textile production. Woven or knitted cotton textile features great moisture absorption, it is easy to wash; it does not acquire electric charge and does not change its features for up to 150°C.

Thus it is perfectly suitable for clothing that is in direct contact with the skin. The recommended washing temperature of cotton textile is up to 60°C. Cotton is often mixed with different yarns, especially polyester and polyamide. These synthetic fibers ensure durability of the fabric. The cotton fiber is not elastic, thus it is often mixed with elastane.

LATEX

Latex is elastic and highly durable material that is made of rubber tree sap. Rubber is elastic because of its macromolecules form spirals. The molecules elongate when stretched and coil into spirals when released. This specific feature enables latex to adapt naturally to different hand shapes. It is very elastic (elongations limit 750 %) and has long life span.

Latex provides good protection against majority of alkaline products and detergents. Latex is very durable, tear resistant but it can be punctured with sharp objects. The major drawback of latex is its composition that contains proteins and chemical allergens.

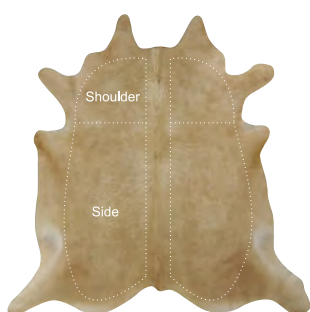
LEATHER

Leather is durable, pliable and supple and has exceptionally good breathable properties. Furthermore, it has the ability to absorb moisture, which means a leather glove rarely feels moist, but is instead dry and comfortable.

To soften the leather, Chromium is added during the tanning process. This can cause allergic reactions in certain individuals. An upper limit is therefore specified for Chromium (VI) content in leather gloves. EN 420 specifies this limit as max. 3 mg/kg Chromium (VI).

SPLIT AND GRAIN LEATHER - WHAT'S THE DIFFERENCE?

The properties of hide/skin varies, depending on which part of the animal the hide/skin comes from. Hide/skin from the sides has the highest durability. Hide/skin from the shoulders is also durable, but less than side split leather.



GRAIN/NAPPA LEATHER

Grain/nappa leather is made from the smooth surface of the hide/skin and is durable, supple, sensitive and moisture absorbing. It therefore makes an excellent choice for e.g. assembly gloves, where the requirements to dexterity are high.

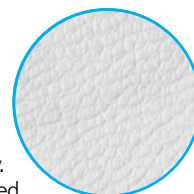
SPLIT/SUEDE LEATHER

Split/suede leather has a rougher surface than grain leather. It comes in a number of thicknesses and is heat resistant. For this reason, split leather is highly suitable for work gloves designed for rough handling or for welding gloves, which must withstand high temperatures and sparks.



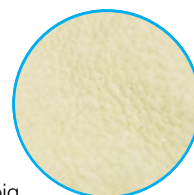
GOATSKIN

This leather features detailed and embossed grain appearance, i.e. beautiful natural leather surface pattern. Goatskin is distinguished by its suppleness, low thickness and relatively high durability. The grain layer of some leather types is slightly polished and acquires a beautiful appearance while being light-weight and elastic.



PIG GRAIN

Pig grain is leather differing from the other types. Its grain layer features random relatively big bristle pores, creasing and slightly rough grain pattern.



As bristles grow from relatively deep layers, thus pig grain has little channels throughout its whole length and they increase water permeability and maceration. The leather thickness is slightly uneven. This leather features low wearing, relatively high durability but low elasticity.

COW GRAIN

Cow grain leather features good appearance, suppleness, tender and even surface, fine grain pattern and relatively even thickness within the whole area.



Cow grain leather is very strong. The cow leather differs from the calf leather by its grain pattern which is slightly rougher, it features greater thickness and rigidity. Cow grain features lower water permeability and maceration if compared to pig grain.

COW SPLIT

Cow split is leather with a fluffy surface. The fluffiness is achieved by polishing the inner surface. Due to the polishing the cow split leather is less durable than cow grain. However cow split leather features an even layer of thickness throughout the whole area.

Cow split leather is soft, supple and tender and it has good physical and mechanical properties. Cow split surface has small funnel-like bristle pores that are almost invisible as they are covered by longer fuzz. Cow split leather features significantly lower water permeability and maceration if compared to pig split.

SYNTHETIC MATERIALS

NITRILE

Nitrile is synthetic acrylonitrile and butadiene polymer. Nitrile gloves were developed as a solution for the growing group of people who are developing allergies to latex gloves. Nitrile has more advantages, as it is made of synthetic rubber that is not an allergen.

Another important feature of nitrile gloves is their durability. The nitrile glove is 3 times more puncture resistant than latex or a vinyl. After having improved production processes, the characteristics of nitrile gloves can be closely compared to their latex counterparts with their level of comfortability, elasticity (elongation limit 500%) and adaptability to hand shape.

Nitrile gloves are widely used in machine repair shops and households when there is direct contact with lubricants, automotive petrol or other chemicals. Nitrile gloves are suitable to use at high temperatures. However they should be stored at low temperatures, in a dry and dark places. Nitrile is not as "sticky" as latex and the majority of people do not have problems when putting on and taking off the gloves. However nitrile is not as elastic as latex, therefore it is imperative to choose correct size gloves.

NEOPRENE

Neoprene is synthetic chloroprene rubber. Neoprene is non-flammable, more durable than natural rubber and it is oil and solvent resistant. Neoprene features both good chemical stability and elasticity within a wide temperature range. This material contains millions of pores (air gaps) in which air is warmed to human body temperature. Thus it has good heat protective features. The thicker is neoprene, the better thermal protection feature. This material is often used for glove cuffs and production of cold and moisture resistant gloves.

VINYL

Vinyl is not as durable and elastic as latex or nitrile. It can be torn more easily; it also has an unpleasant odour and can be easily punctured. Vinyl is easier to obtain and is less expensive than latex and nitrile. Vinyl gloves do not fit snugly around the wrist, and they do not protect sufficiently against liquid penetration if the material is being stretched. Their low elasticity limits their comfortability and snug fitting on the hand.

Vinyl does not contain natural rubber proteins or chemical accelerators and is therefore the most skin-friendly material available. Vinyl gloves are economic choice for the activity that does not require high touch precision. Thus, vinyl is a perfect choice for low risk activities.

PVC

PVC is polyvinyl chloride that is produced from oil and table salt. PVC flexibility-rigidity scale is very wide, thus it can be extruded, rolled or sprayed. This is a very durable material that is resistant to acids, alkalis and alcohol. It can also acquire any desired color. A polymer with good chemical resistance features, low flammability class and good UV resistance is widely used in working glove production.

POLYURETHANE (PU)

Polyurethane (PU) is thermoplastic elastomer, and it is very elastic material with good anti-friction characteristics. Glove palm coated with solid polyurethane is thin, straight and flexible. Glove palm coated with polyurethane microfoam is soft, water and lubricant resistant.

Polyurethane microfoam is air permeable and hands remain cool and dry. Polyurethane microfoam is rather flexible, it features great adhesion to the necessary surface both in wet and dry environments, and it also has good heat protective characteristics.

WATER BASED POLYURETHANE (PU)

Water based polyurethane (PU) is polyurethane without DMF (dimethylformamide) solvent and it is commonly used coating of gloves. Water based PU features more rapid degradation in the environment if compared to the traditional PU with DMF solvent.

MICROSKIN SHIELD®

MicroSkin Shield® is an exceptionally elastic fabric with good anti-friction capability, the core of which consists of an exceptionally strong, abrasion resistant, water repellent polyester yarn. Polyurethane coating of microstructure pattern guarantees flexibility and a perfect grip with different surfaces; it also improves resistance to water and grease.

MACROSKIN PRO®

MacroSkin Pro® is a mechanically strong and very elastic material. It is also soft and thin, while its surface is quite smooth and, therefore, pleasant to touch. The fabric structure consists of the combination of nylon and polyester, which improves abrasion resistance, guarantees wrinkle resistance and fast moisture release. The above mentioned qualities make it possible to use the fabric for gloves production for a wide range of purposes.

KR-GRIP®

KR-Grip® is a fabric that offers strong grip. The special structure surface formed of PVC enables to expel moisture when working in wet conditions and guarantees good fabric flexibility. The core of KR-Grip® is strong, soft and wrinkle resistant knitted fabric from polyester and cotton.

TYPHOON®

Typhoon® is an extremely strong (yield strength) fibre combination characterised by the highest level cut-resistance. Thanks to the applied technological solutions, the fibre combination consists of high molecular weight polyethylene, glass fibre and elastane/spandex. The yarn consisting of such fibres is elastic, characterised by air permeability and resistance to moisture. Typhoon® is light, 10 to 15 times stronger than steel (per unit weight) and up to 40% stronger than aramid fibers.

PROTEX® MEMBRANE

Protex® membrane is polyurethane membrane that consists of numerous micropores that are smaller than a drop of water but bigger than a molecule of moisture vapor. The membrane structure prevents water drops from entering, however sweat can easily evaporate outside. The result of such process is a non-permeable, wind resistant and "breathing" membrane.

CORDURA®

Cordura® is a long-lasting, very solid and abrasion resistant material. It is polyamide fabric with durable polyurethane coating that is treated with water resistant Teflon® coating. Cordura® is a patented trademark of DuPont™ used for any durable material of this category irrespective of thickness. The Cordura® material is stain resistant, fairly easy to clean and has an exceptional strength-to-weight ratio.

KEVLAR®

Kevlar® is para-aramid fiber that is highly durable, flexible and relatively light-weight. Kevlar® tensile resistance is five times higher if compared to steel, and it is heat resistant even up to 370°C. This fiber is non-flammable and extremely cut resistant. The yarn that is made of this fiber is suitable both for woven and knitted fabric productions, technical textile, and widely used for production of bulletproof vests, military or firefighter clothing and cut resistant gloves. Usually the yarn of Kevlar® fiber is used for sewing of heat resistant gloves.

ELASTANE

Elastane (EL) is synthetic elastomeric fiber with at least 85% of polyurethane. It is elastic, and even when stretched to triple the length it will immediately return to its original form as soon as tensile force is eliminated. The monofilament or multifilament yarns of this fiber are used as components for different fiber compositions. Yarns with elastane ensure high elasticity of polyester, nylon, cotton or other composition materials, and the clothing made with these fabrics ensure that they provide a comfortable and snug fit around the body.

SPANDEX®

Spandex® is the name of elastomeric fiber (elastane) that is standardized in the USA. According to ISO standard this fiber is called elastane.

LYCRA®

Lycra® is the trademark of DuPont™ and it describes elastane (EL) without latex or natural rubber (e.g. elastane of other trademarks may contain some percent of latex).

NYLON

Nylon is the trademark of polyamide fiber. This synthetic fiber is stretchy, durable and very resistant to wear and chemical reagents. It features better moisture absorption properties than other synthetic materials. Nylon is sensitive to sunlight and acquires a yellowish hue, thus it is often mixed with other fibers.

ACRYLIC FIBER

Acrylic fiber is synthetic fiber that contains at least 85% of acrylonitrile. It features flexibility, resistance to moths, petrol and chemical products, as well as direct sunlight. Acrylic fiber is usually used for knitted textile, e.g. fleece wear, sports and children garments.

POLYETHYLENE (PE)

Polyethylene is a thermoplastic, elastic and nontoxic polymer. It features high flame resistance and once ignited burns without soot. It is not soluble in any of the normal solvents at room temperature. It is chemical resistant to acids, alkalis, salt solutions and it is light-permeable. The main features of polyethylene are its density and melting index. When the density increases, the impact resistance and transparency decrease and there is a rise in melting temperature, density, strength, chemical resistance and impermeability to gas and odour.

With the decrease of polyethylene melting index, its recyclability is impaired; however it features better resistance to impact, chemicals and wearing as well as has better sliding performance. In order to improve polyethylene characteristics, it has been modified by the following characteristics:

LDPE - low density polyethylene (density 910 - 925 kg/m³) without extra polymerization. Such polyethylene is viscous and soft.

MDPE - medium density polyethylene (density 925 - 940 kg/m³) that combines the best characteristics of LDPE and HDPE.

HDPE - high density polyethylene (density 940 - 970 kg/m³). It is one of the most practical and cheapest materials and is very solid and durable but features less elasticity if compared to other polyethylenes.

EVA

EVA is ethylene vinyl acetate copolymer. If contains small amounts of vinyl acetate (up to 6%), EVA is attributed to high pressure polyethylene group materials. If it contains a higher percentage of vinyl acetate, the material elasticity is proportionally increased. The material is highly water and gas resistant.

POLYESTER

Polyester (PES) is a widely used synthetic heterochain polymer that is produced from petrol. This fiber is friction resistant, almost wrinkle-free, durable, and does not absorb moisture which expedites the drying process.

Polyester is often mixed with wool, cotton or linen in order to increase durability, softness and glossiness, and reduce creasing of woven or knitted fabrics. Polyester products do not require special maintenance. However it should be noted that clothing with high polyester content should be kept away from heat and direct sunlight.

POLYPROPYLENE

Polypropylene (PP) is more durable and more temperature-resistant if compared to polyethylene. Polypropylene density is one of the lowest (approx. 0.9 g/cm³) of all plastics. The maximum polypropylene usage temperature is 120-140°C.

All polypropylene products can be often sterilized by vapor or boiling as this does not influence their shape or mechanical features. PP surpasses PE by its heat resistance features; however it is less cold resistant and becomes brittle at -5°C. Thus PP manufacturers add special additives to increase its resistance to low temperatures.

NON-WOVEN POLYPROPYLENE

Non-woven polypropylene is non-woven fabric made of very thin plastic (polypropylene) fibers. Non-woven polypropylene is very practical fabric because it is very durable, soft, light-weight and cheap. Moreover, this fabric is easily recyclable after usage. It is most often used for surgical mask and gown production.

POLYAMIDE

Polyamide is synthetic fiber that is extremely resistant to friction (about 10 times greater than cotton and 20 times more than wool). The polyamide fiber is very stretchy and static charge resistant. It is very light-weight, almost impermeable to water, non-creasing and durable.

Polyamide is not flame-resistant and moreover melts when burning. Thus polyamide is often mixed with natural fibers and it increases their durability and life time. Non rinsing products should be used for washing. The most popular type of polyamide is nylon.



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