Product Catalogue
2020

eureka
safety through progress

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60 years

EST 1959

Y. BERGER & CO. AB

Y. Berger & Co

Y. Berger & Co is a family owned textile company based in Sweden. The company started in 1959 and is active in the fields of technical textiles, safety gloves and interior textile. Today our headquarters and warehouse is located in Gothenburg, Sweden. We have sales offices in Ohio, United States; Johannesburg, South Africa and our production, wet development and main warehouse in Wuxi, China.

Eureka Safety Gloves

We are focusing on performance gloves for demanding work situations, primarily in the industry. Y. Berger has 60 years of experience in technical fibres, and this knowledge is the base when we produce advanced textile solutions tailored to meet the most demanding situations.
Our excellent access to know-how and materials allow our laboratory and production facility to implement new technologies much faster and at a higher degree of sophistication compared to competitors.

Eureka products are made available from our Wuxi, China; Gothenburg, Sweden; Ohio, USA; and Johannesburg, South Africa stock. Our packing and boxes are carefully selected for best product identification and to minimize logistic and retail handling costs.

Our sales team has a remarkably deep technical knowledge and are stationed around the world. In order to support our customers we also have extensive product information and E-learning available over internet and as a mobile app.

Eureka values

Safety through progress!

Eureka solutions are always bringing new technology to the benefit of our customers.

Clear purpose of each product – one product per user segment

We always try to understand the end user requirement in terms of physical properties. We clearly map our products according to two axis, such as “cut resistance / user environment” for seamless, or “moisture / temperature” for winter gloves.

A name to carry the purpose

To help overcome the challenge of getting the right products to the right working conditions all our products have names that give an indication of how they are made and meant to be used!

Lean all the way!

Eureka is focusing on using the best available raw materials and avoid common but detrimental shortcuts. We aim to stay within mass-market cost levels to suit demanding industrial users. A high cost efficiency is provided by a modular approach, a lean organization with integrated producer-distributor and fast moving logistics.

Y. Berger & Co History

Mr. Yngve Berger pioneered our Far East trading in the late 1940s when he travelled to Japan by old propeller planes. The rise of the Far East trading caused friction in the trading company at the time and Yngve was offered a management buyout in the Far East textile business. Since the inauguration of the company in 1959, Mr. Per Berger, 2nd generation took over and expanded the company into gloves and shoes. The company then opened an office in China in 1994. In the last decade the 3rd generation reduced company scope to gloves, technical yarns/fibres and fabrics, while increasing attention to design and technology.

Eureka History

“He threw down the gauntlet and it landed on the table between them…”

Well, it wasn’t exactly a gauntlet but rather a crude early-prototype glove made of a new, strong, cut resistant yarn. It was now obvious to everyone in the room that our company had access to several new advanced technologies that each provided a significant advantage to the end user. There was no formal decision at this critical moment but it was the seed of what was to become Eureka!

It took us 3 years to develop the ideas into products, and when most of our textile products were about to be ready the coating got nowhere.

At that point we decided to open our own coating factory and warehouse. This allows us full control of quality of raw materials for both coating and the cut & sewn gloves. Since 2012 Eureka has expanded and is now available in 30 countries around the world.

Our responsibility

We have a responsibility to our customers and suppliers to constantly work for a better, safer and more ethically and environmentally conscious production. To guide us in this important job we have our Code of Conduct which is based on ILOs conventions for human rights and EUs chemical law REACH. In 2017 we initiated a BSCI certification process to verify our efforts.

At Eureka we consider the environmental impact in the production, transport, use and disposal of our products and work to reduce our life cycle footprint. Y. Berger is a long-time member of Swedish Chemicals Group at Rise IVF; a gathering of companies in the textile & shoe industry in Scandinavia with an educational purpose to minimize the presence of harmful chemicals in textile and rubber products.

Gothenburg, Sweden. Stock, dry laboratory and headquarters

Eureka factory, Jiangsu province, China. Stock, production & wet lab facilities, sewing subcontractors (in photo factory entrance and process air cleaning equipment).

Assembly

Highest dexterity and best fit with different liquid resistance, breathing & durability

SupraCoat
The ultimate foam coating. Waterborne PU and Nitrile foam, low density for best breathing, micro cup textured surface, finest quality through process & raw materials. Totally DMF free.

Nitrile
Great durability and grip in oily conditions with different levels of liquid proofing. Nitrile foam, medium density, micro cup textured surface, finest quality through process & raw materials.

Nitrile 2
Double coated nitrile with thin solid first layer covered by micro-cup textured foam.
Liquid-proof with good oil grip. Finest quality through process and raw materials.

15-1 Assembly SupraCoat

PRECISION - SOFT - DRY FEEL

EN 388 4121X CE CAT II

- Ultimate dexterity
- Thin with excellent breathability
- Your second skin in dry environments

ART. NO: 15-1ASCG
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

15-1 Assembly Nitrile

PRECISION - OILY - DURABLE

EN388 4121X CE CAT II

- Ultimate dexterity
- Excellent breathability
- Long lasting and excels in oily environments

ART. NO: 15-1ANI
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

15-1 Assembly Nitrile 2

PRECISION - VERY OILY - DURABLE

EN388 4121X CE CAT II

- Optimized for oily environments
- High dexterity and durability

ART. NO: 15-1ANI2
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

15-1 Assembly Nitrile 2 Full

VERY OILY - PRECISION - DURABLE

MF Basic

UNIVERSAL - BREATHABLE - SOFT

EN388 2131X CE CAT II

- Great all-round working glove with high comfort
- Suitable in dry environments

ART. NO: MFB
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

PU Grip

PERFECT FIT - GRIP - COMFORT

EN388 2121X CE CAT II

- Highest level of comfort
- Optimized grip for dry environments

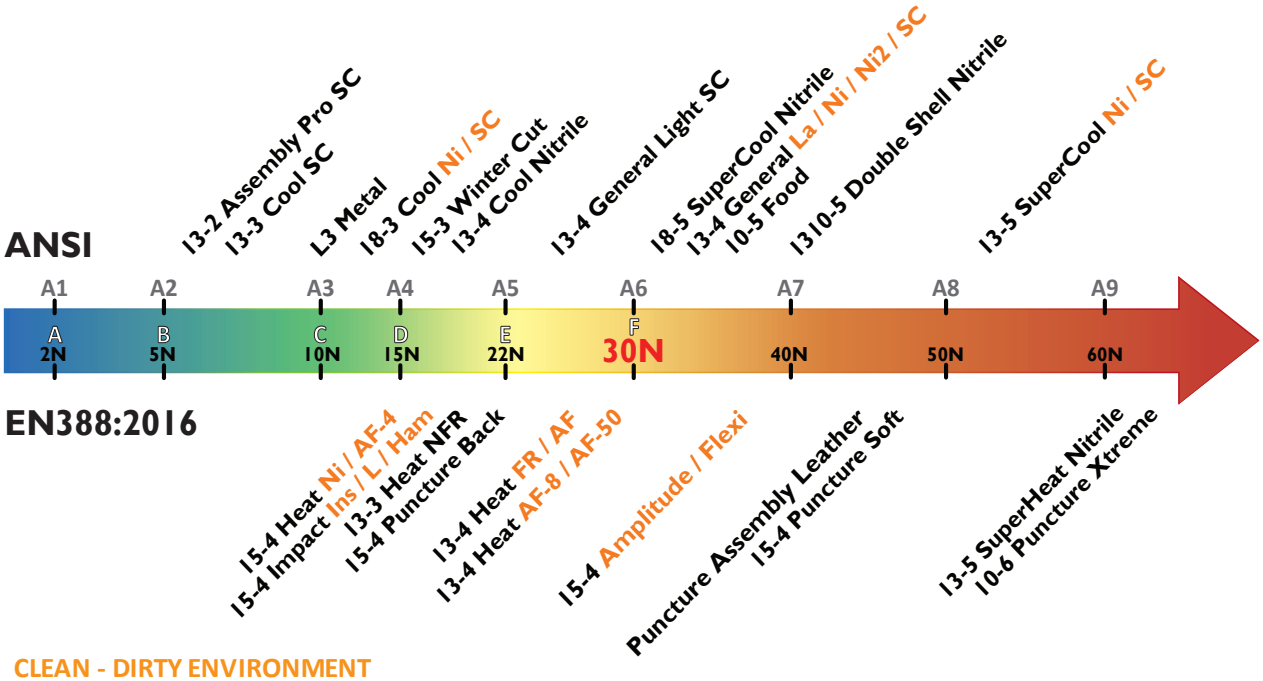
ART. NO: PUG
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

Cut resistant

Wide range of cut resistance protection levels based on 4 product families, **General, Heat, Cool** and the sewn **"L" leather** gloves. The cut resistant **Heat** gloves are found under the **Heat and Arc section** below.

EN 388:2016 Including the ISO 13997, New Cut Performance – A new dimension!
With the new revised EN 388 follows new thinking for validation of cut performance. The new way of testing is more close to daily applications as cut performance is tested by force and shown in Newton values (1N =~0,1kg). The ANSI test is similar to ISO13997 but the results are presented in grams and has level A1 to A9. See below arrow for more clarification.

Eureka gloves have been tested by this new way of thinking for many years and we are well prepared to meet the new expectations with many glove models in the higher levels E and F.



Cut resistant

13-2 Assembly Pro SupraCoat

PRECISION - CUT - BREATHABLE

EN388 3X42B | ANSI CUT LEVEL A2 | CE CAT II

- Ultimate dexterity
- Decent cut resistance
- Optimal for dry environments

ART. NO: 13-2APSC
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

18-3 Cool SupraCoat

ULTRA THIN - DRY FEEL - CUT

EN388 EN388 3X43C | ANSI CUT LEVEL A3 | CE CAT II

- Unique high comfort and cut resistance in our thinnest glove
- Touch screen capability
- Optimal for dry environments

ART. NO: 18-3CSC
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

18-3 Cool Nitrile

ULTRA THIN - OILY - CUT

EN388 3X42C | ANSI CUT LEVEL A3 | CE CAT II

- Unique high comfort and cut resistance in our thinnest glove
- Touch screen capability
- Optimal for oily environments

ART. NO: 18-3CNI
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-3 Cool SupraCoat

DRY FEEL - COMFORT - CUT

EN388 3X44B | ANSI CUT LEVEL A2 | CE CAT II

- Provides the coolest feel
- High comfort with best moisture transport
- Descent cut resistance

ART. NO: 13-3CSC
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

13-4 Cool Nitrile

HIGH CUT - DURABLE - COMFORT

EN388 4X42D | ANSI CUT LEVEL A4 | CE CAT II

- High cut resistant glove free from fibreglass and steel fibre
- High level of comfort

ART. NO: 13-4CNI
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

13-4 Cool Nitrile 2

VERY OILY - HIGH CUT - DURABLE

L3 Metal

CUT - DURABLE LEATHER - COMFORT

EN388 2X43C | ANSI CUT LEVEL A2 | CE CAT II

- High comfort glove
- Suitable in moderately tough conditions

ART. NO: L3METAL
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

18-5 SuperCool Nitrile

ULTRA THIN - SUPER HIGH CUT

EN388 3X42F | ANSI CUT LEVEL A6 | CE CAT II

- Unique high comfort and cut resistance in our thinnest glove
- Touch screen capability
- Optimal for oily environments

ART. NO: 18-5SNI
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-5 SuperCool SupraCoat

SUPER HIGH CUT - SUPERIOR - DRY FEEL

EN388 4X44F | ANSI CUT LEVEL A8 | CE CAT II

- Extreme cut protection level F/A8 for the most demanding tasks
- Highest level of durability in dry environments

ART. NO: 13-5SSC
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-5 SuperCool Nitrile

SUPER HIGH CUT - SUPERIOR - OILY

EN388 4X44F | ANSI CUT LEVEL A8 | CE CAT II

- Extreme cut protection level F/A8 for the most demanding tasks
- Highest level of durability in oily environments

ART. NO: 13-5SNI
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-4 General Light SupraCoat

HIGH CUT - DRY FEEL - DURABLE

EN388 4542E | ANSI CUT LEVEL A5 | CE CAT II

- Cut resistant level E/A5 in a thin glove
- Yarn composition provides maximum comfort, breathability and durability in dry environments
- High performance thermal protection

ART. NO: 13-4GLSC
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-4 General SupraCoat

VERY HIGH CUT - DRY FEEL - DURABLE

EN388 4X43F | ANSI CUT LEVEL A6 | EN407 X1XXXX | CE CAT II

- Superior cut resistance, level F/A6
- Yarn composition provides maximum comfort, breathability and durability in dry environments
- High performance thermal protection

ART. NO: 13-4GSC
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

13-4 General Latex

VERY HIGH CUT - WET - DURABLE

EN388 3543F | ANSI CUT LEVEL A6 | CE CAT II

- Superior cut resistance, level F/A6
- Yarn composition provides maximum comfort, breathability and durability in wet environments
- High performance thermal protection

ART. NO: 13-4GLA
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

Natural Rubber ("latex")

This glove has a solid and waterproof latex with crinkle finish. Excellent dry and wet grip, good raw materials and process.

13-4 General Nitrile

VERY HIGH CUT - OILY - DURABLE

EN388 4542F | ANSI CUT LEVEL A6 | EN407 X1XXXX | CE CAT II

- Superior cut resistance, level F/A6
- Yarn composition provides maximum comfort, breathability and durability in oily environments
- High performance thermal protection

ART. NO: 13-4GNI
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

13-4 General Light Nitrile 2

VERY OILY - HIGH CUT - DURABLE

Heat and Arc Flash

Eureka heat series is based on selected para aramid fiber technology, anti static yarns and advanced coating technology to provide protection from heat, flame and arc flash.

NFR
A durable nitrile-neopren based composite foam coating with surface texturing and basic flame resistance. Moderate breathing and oil resistance.

FR
Neopren based composite foam coating textured surface, highest flame and arc resistance. Moderate breathing and oil resistance.

13-3 Heat NFR

FLAME RESISTANT - INSULATION - COMFORT

- Suitable for contact heat resistance
- High level of durability in oily environments

ART. NO: 13-3HNFR
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

EN388 3442C | ANSI CUT LEVEL A3 | EN407 41XXXX | CE CAT II

15-4 Heat Nitrile

THIN - CUT - COMFORT

- Super thin glove with cut resistance
- Suitable for contact heat resistance and where sparks may occur

ART. NO: 15-4HNI
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

EN388 3X31D | ANSI CUT LEVEL A4 | EN407 X1XXXX | CE CAT II

13-5 SuperHeat Nitrile

SUPER HIGH CUT - SUPERIOR - OILY

- Extreme cut protection level F/A9 for the most demanding tasks
- High level of durability in oily environments

ART. NO: 13-5SHNI
60 pairs (5 dozen)/carton
Size 7/XS–12/XL

EN388 4X43F | ANSI CUT LEVEL A9 | EN407 X1XXXX | CE CAT II

15-4 Heat AF-4

THIN - CUT - ARC FLASH

- Optimized for medium Arc Flash risks
- Super thin glove with cut resistance

ART. NO: 15-4HAF-4
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

EN388 3X31D | ANSI CUT LEVEL A4 | EN407 41XXXX | CE CAT II

ARC FLASH
ASTM F2675, ATPV =
5,9 Cal/cm² (Back of hand)
22 Cal/cm² (Palm)
EN 61482-1-2 Modified by Aitex (Box Test) = Class 1
NFPA 70E = Level 1

13-4 Heat FR

FLAME RESISTANT - DEXTERITY - ARC FLASH

- Optimized for medium Arc Flash risks
- Perfect in tough working conditions with high spark, heat and flame risks
- High performance in cut resistance

ART. NO: 13-4HFR
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

EN388 3X43E | ANSI CUT LEVEL A5 | EN407 41324X | CE CAT II

ARC FLASH
ASTM F2675, ATPV=
5,8 Cal/cm² (Back of hand)
30 Cal/cm² (Palm)
23 Cal/cm² (Print)
NFPA 70E = Level 1

13-4 Heat AF-8

FLAME RESISTANT - DEXTERITY - ARC FLASH

- Optimized for medium Arc Flash risks
- Perfect in tough working conditions with high spark, heat and flame risks
- High performance in cut resistance

ART. NO: 13-4HAF-8
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

EN388 4X42E | ANSI CUT LEVEL A5 | EN407 4131XX | CE 1493 CAT III

ARC FLASH
ASTM F2675, ATPV =
8,3 Cal/cm² (Back of hand)
42 Cal/cm² (Palm)
NFPA 70E = Level 2

13-4 Heat FR AF

ARC FLASH - FLAME RESISTANT - DEXTERITY

- Optimized for high Arc Flash risks
- Perfect in tough working conditions with high spark, heat and flame risks
- High performance in cut resistance

ART. NO: 13-4HFR-AF
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

EN388 3X43E | ANSI CUT LEVEL A5 | EN407 41324X | CE CAT II

ARC FLASH
ASTM F2675, ATPV =
16 Cal/cm² (Back of hand)
30 Cal/cm² (Palm)
40 Cal/cm² (Print)
NFPA 70E = Level 2

13-4 Heat AF-50

HIGH ARC FLASH - UNIQUE DESIGN - FLAME RESISTANT

- Extreme Arc Flash protection (>40 Cal)
- Suitable for toughest working conditions with high risk of spark, heat and flame risks
- High performance in cut resistance

ART. NO: 13-4HAF-50
12 pairs (1 dozen)/carton
Size 8/S–12/XXL

EN388 3X43E | ANSI CUT LEVEL A5 | EN407 41324X | CE 1493 CAT III

ARC FLASH
ASTM F2675, ATPV =
42 Cal/cm² (Palm)
59 Cal/cm² (Back of hand)
EN 61482-1-2 Modified by Aitex (Box Test) = Class 2
NFPA 70E = Level 4

Impact

Eureka's unique intelligent *SupraBlock Impact* foam is an advanced viscoelastic material. Our gloves provide a massive reduction to both the remaining impact force as well as an even larger decrease in the bone shattering impact acceleration.

Compared to TPR technology Eureka gloves are lighter, thinner and provide a superior protection. *SupraBlock Impact* can be washed or tumbled without deformation.

EN388:2016 allows for a "P" rating to be added to products that comply with the knuckle impact test lower limit of EN1621-1 (remaining force smaller than 7kN).

The ISEA 138 test is in accordance to the same principle as above but tests both fingers and knuckles. The result is given in three different levels where the lowest result is the best.
(≤ 9kN Level 1), (≤ 6,5kN Level 2), (≤ 4kN Level 3).

Impact Light

HIGH DEXTERITY AND IMPACT PROTECTION

Eureka's Impact Light range combine dexterity, cut and impact protection in a clever and economic way. It allows introduction to a wider part of the industry.

General product information valid for all three styles:

- Seamless high dexterity fit made in our own factory
- Inserted/sewn on back protectors with *SupraBlock Impact* foam on backhand and fingers
- Residual force after 5 Joule impact at knuckles is between below 7 kN *
- All styles have reflective and hi-viz print for improved visibility

*Residual force to hand after Impact material hit by 5 kg "tennis ball" impact probe with an impact energy of 5 joule where less is better. (EN1621-1)

15-1 Impact Light Hammer L/R

UNIQUE PROTECTION - DEXTERITY - HIGH VIZ

EN388 4121X CE CAT II

- Unique finger protection against hammer impacts
- Ultimate dexterity
- Excellent breathability

ART. NO: 15-1IMPLHAM-L/R
24 pairs (2 dozen)/carton
Size 7/XS–12/XXL

15-4 Impact Light Hammer L/R

UNIQUE - MULTI FUNCTION - REFLECTIVE PRINT

EN388 3X31D ANSI CUT LEVEL A4 CE CAT II

- Unique finger protection against hammer impacts
- Yarn composition provides a thin, comfortable glove with high dexterity
- High cut resistance with moderate heat protection

ART. NO: 15-4IMPLHAM-L/R
24 pairs (2 dozen)/carton
Size 7/XS-12/XXL

15-4 Impact Insider

INNER GLOVE - MULTI FUNCTION - DURABLE

EN388 1532DP ANSI CUT LEVEL A4 CE CAT II

- Multi function inner glove providing high impact, cut and heat protection
- High dexterity and high durability

ART. NO: 15-4IMPINS
24 pairs (2 dozen)/carton
Size 7/XS-11/XL

15-4 Impact Light

UNIQUE - MULTI FUNCTION - REFLECTIVE PRINT

EN388 3X31DP ANSI CUT LEVEL A4 CE CAT II

- High performance back of hand impact protection
- Yarn composition provides a thin, comfortable glove with high dexterity
- High cut resistance with moderate heat protection

ART. NO: 15-4IMPL
24 pairs (2 dozen)/carton
Size 7/XS–11/XL

Impact Xtreme

SUPERIOR IMPACT PROTECTION

Eureka gloves are lighter and offer higher flexibility but still they protect your hands better than other leading brands.
Eureka unique intelligent *SupraBlock Impact* foam makes this possible.

General product information valid for all five styles:

- Back protectors with *SupraBlock Impact* and *SupraBlock Stop* material, cut level 5.
- Residual Force after 5 Joule impact only 3-4 kN * – (the lower the better)
- Palm reinforcement in *SupraBlock 4* super-strong high quality Japanese fiber
- Long neoprene cuff with ID-tag and pull-up strip.

*Residual force to hand after Impact material hit by 5 kg “tennis ball“ impact probe with an impact energy of 5 joule where less is better. (EN1621)

Impact Xtreme Dry

VERY HIGH IMPACT - DRY FEEL - DURABLE

EN 388 3242XP CE CAT II

- Highest impact protection on fingers and knuckles
- Perfect for tough and dry environments

ART. NO: IMPXDRY
24 pairs (2 dozen)/carton
Size 7/XS–13/XXXL

Impact Xtreme Wet

VERY HIGH IMPACT - WATERPROOF - GRIP

Impact Xtreme Winter

VERY HIGH IMPACT - INSULATION - WATERPROOF

EN 388 3232 CE CAT II

- High performance comfort and impact protection on fingers and knuckles
- Waterproof and breathable for cold and wet environments
- Impact material is EN388:2016 Impact protection P

ART. NO: IMPXWIN
24 pairs (2 dozen)/carton
Size 8/S–13/XXXL

Impact Xtreme Heavy Duty

VERY HIGH IMPACT - VERY HIGH NEEDLE & CUT - DRY FEEL

EN388 4544 CE CAT II

- Extreme cut protection for the most demanding tasks
- Very high performance needle resistance in palm
- Impact material is EN388:2016 Impact protection P
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 9 N
- Perfect in tough working conditions where risks of sharp edges may occur

ART. NO: IMPXHD
24 pairs (2 dozen)/carton
Size 8/S–13/XXXL

Impact Xtreme Mud

VERY HIGH IMPACT - WATERPROOF - VERY HIGH NEEDLE & CUT

EN388 4544 CE CAT II

- Extreme cut protection for the most demanding tasks
- Waterproof
- Very high performance needle resistance in palm
- Impact material is EN388:2016 Impact protection P
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 9 N
- Perfect in tough working conditions where risks of sharp edges may occur

ART. NO: IMPXMUD
24 pairs (2 dozen)/carton
Size 8/S–13/XXXL

Puncture and Needle stick

Eureka puncture and needle resistant products provide different levels of protection and dexterity. The gloves come as insiders and from light assembly to heavy duty gloves.

SupraBlock Stop
A coated ultra dense aramid fabric with very high cut level (EN 388: lvl 5/F), waterproof and highest needlestick resistance (ASTM2878/25gg needle >8-9N).

SupraBlock Soft
A dense but soft aramid fabric with good cut resistance, high needlestick resistance (ASTM2878/25gg needle >5-6N) and great breathability.

SupraBlock Hydro
Selected HPPE fabrics that stop jets of water and oil at a certain level.

13-4 Puncture Hydraulic

EN388 4X44E | ANSI CUT LEVEL A6 | CE CAT II

- Tested against hydraulic jets from a pinhole of 0,3mm, standard clean hydraulic oil at room temp, 250 bar pressure, 1 second exposure time, pinhole direct contact to glove and a contact force of ~3N.
- The penetrating power of a hydraulic jet will vary considerably depending on hydraulic oil properties, distance from pinhole, diameter of hole, working pressure and exposure time.

ART. NO: 13-4PHYDRO

12 pairs (1 dozen)/carton
Size 7/XS–12/XXL

15-4 Puncture Soft

HIGH NEEDLE & CUT - MULTI FUNCTION - SOFT

EN388 4543F | ANSI CUT LEVEL A7 | CE CAT II

- High performance needle resistance in palm
- Softest glove in its class
- Perfect in tough working conditions where risks of sparks and sharp edges may occur
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 6 N

ART. NO: 15-4PSOFT
12 pairs (1 dozen)/carton
Size 7/XS–12/XXL

15-4 Puncture Duo

HIGH NEEDLE & CUT - MULTI FUNCTION - SOFT

EN388 4543F | ANSI CUT LEVEL A7 | CE CAT II

- High performance needle resistance in palm and back of hand
- Softest glove in its class
- Perfect in tough working conditions where risks of sparks and sharp edges may occur
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 6 N

ART. NO: 15-4PSOFT
12 pairs (1 dozen)/carton
Size 7/XS–12/XXL

15-4 Puncture Back

HIGH NEEDLE & CUT - MULTI FUNCTION - SOFT

EN388 3X31D | ANSI CUT LEVEL A4 | CE CAT II

- High performance needle resistance in back of hand
- Softest glove in its class
- Perfect in tough working conditions where risks of sparks and sharp edges may occur
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 6 N

ART. NO: 15-4PBACK
12 pairs (1 dozen)/carton
Size 7/XS–12/XXL

Puncture Assembly Leather

HIGH NEEDLE & CUT - SECURITY - DURABLE

EN388 4X43F | ANSI CUT LEVEL A7 | CE CAT II

- Very high performance needle resistance in palm
- Optimal for security and other tough working conditions
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 9 N

ART. NO: PAL
12 pairs (dozen)/carton
Size 7/XS–11/XL

10-6 Puncture Xtreme

EXTREMELY HIGH NEEDLE & CUT - MULTI FUNCTION - DURABLE

EN388 4544F | ANSI CUT LEVEL A9 | CE CAT II

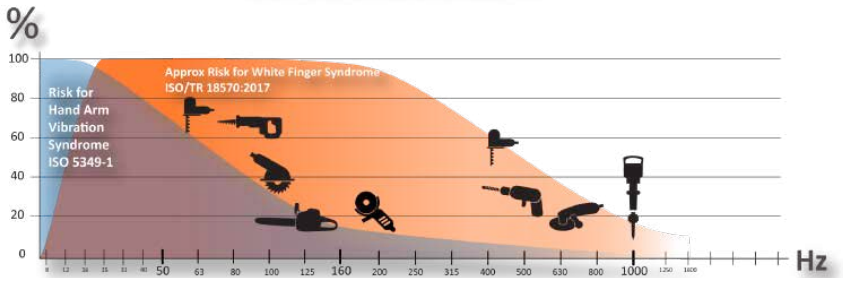
- Very high performance needle resistance in palm
- Extreme cut protection level F for the most demanding tasks
- Perfect in tough working conditions where risks of sparks and sharp edges may occur
- Hypodermic needle resistance according to ASTM 2878- 25 gg. Needle = 9 N

ART. NO: 10-6PX
12 pairs (1 dozen)/carton
Size 8/S–12/XXL

Vibration

Gloves can be a very valuable tool in reducing Hand Arm Vibration Syndrome. All vibration reduction gloves have applications of high protection as well as “No Go” zones where they have little effect or might even be slightly harmful.

HAND ARM VIBRATION SYNDROME AND VIBRATION INDUCED WHITE FINGER SYNDROME



- *Blue curve* illustrate sensitivity to Hand Arm Vibration syndrome (ISO 5349-1)
- *Orange curve* illustrate sensitivity to Vibration induced White Finger Syndrome (ISO TR 18570)

PRACTICAL ADVICE

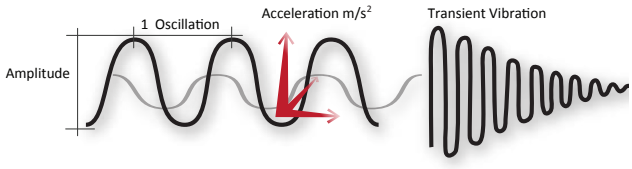
Real life situations may vary a lot compared to lab conditions. Different persons and working positions as well as the tool type, maintenance status of the tool and type of work show large variations in test results. Other very important factors are, cold hand increase damage to hand. High grip force significantly increase damage and reduce glove protection

LEGAL LIMITS IN EU

Daily average weighted accelerations above 2,5m/S must be considered and above 5,0 m/s is prohibited according to EU Directive 2002/44/EC. Eureka advice to map the main frequencies of the vibration exposure in order to fulfill article 4,4a in the above directive in a relevant way.

VIBRATIONS

Vibrations are generated by machine motor (rpm), secondary disturbances usually at higher frequencies and very high frequency transient vibrations from impacting tools.



- Frequency= oscillations per second
- RPM=Rotations per minute
- 100 Hz = 6000 rpm, 500 Hz=30 000 rpm

Transient Vibration= High frequency, short duration
Acceleration is the speed change per second and best measurement of vibration strength.

TOOL TYPE	FLEXI	AMPLITUDE	VIBRATION	TRANSIENT
Rivet guns, Impact wrenches, Impact hammers				
High speed multi tools				
Angle grinders				
Sanders & Grinders				
Nutrunner				
Mower, Hedge trimmer, Leaf blower				
Circular & Jig saws				

Disclaimer: Results are approximate and high risk work situations should be measured on site

15-1 Transient Vibration

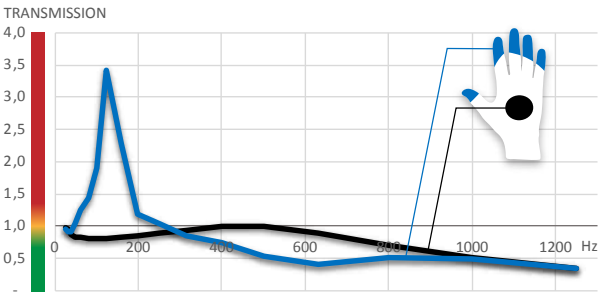
VIBRATION REDUCTION - IMPACTING TOOLS - DEXTERITY

TRANSIENT

EN388 4332B | ANSI CUT LEVEL A2 | CE CAT II

- Thin glove for high frequency and impacting tools (>~600 Hz)
- Best in class comfort and dexterity
- Long lasting and excels in oily environments
- ISO 10819:2013 TRM=0,855, TRH=0,904

ART. NO: 15-1TVIB
24 pairs (2 dozen)/carton
Size 7/XS-12/XXL



Impact Vibration

VIBRATION REDUCTION - FAST ROTATING & IMPACTING TOOLS

VIBRATION

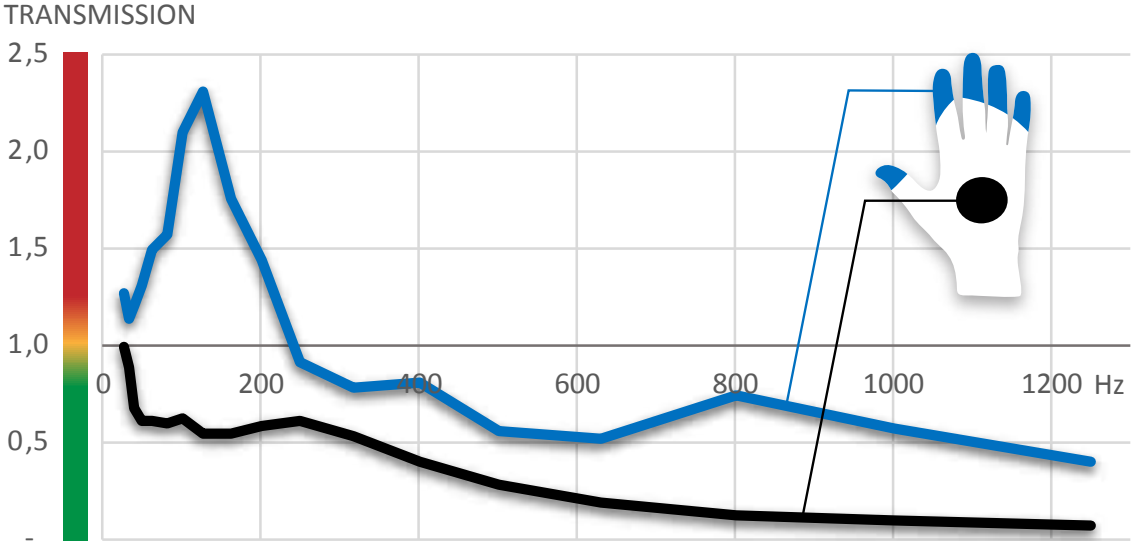
EN388 3X31C | ANSI CUT LEVEL A3 | EN10819 | CE CAT II

- High comfort vibration reducing glove for high frequency and impacting tools (>~250 Hz)
- Educational print in palm with high grip
- ISO 10819:2013 TRM=0,68, TRH=0,47

ART. NO: IMPVIB
24 pairs (2 dozen)/carton
Size 7/XS–12/XXL

Impact Vibration Winter

VIBRATION REDUCTION -
FAST ROTATING & IMPACTING TOOLS - WARM



15-4 Amplitude Vibration

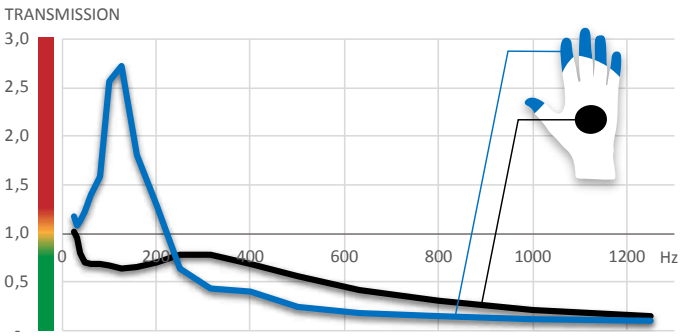
VIBRATION REDUCTION - ORIGINAL DESIGN

*Patent pending!

AMPLITUDE | EN388 4X41F | ANSI CUT LEVEL A6 | CE CAT II

- State of the art vibration reducing glove for hand, arm and fingers (>~200 Hz)
- Patent pending
- ISO 10819:2013 TRM=0,76, TRH=0,67

ART. NO: 15-4AMPVIB
24 pairs (2 dozen)/carton
Size 8/S–11/XL



Impact Vibration Amplitude

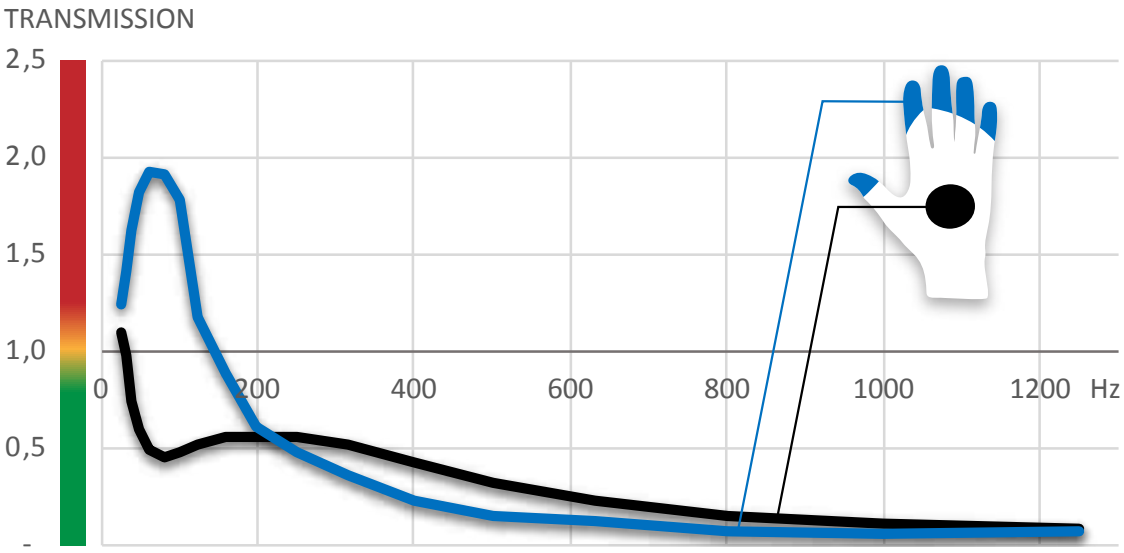
HIGHEST VIBRATION REDUCTION - ORIGINAL DESIGN

*Patent pending!

AMPLITUDE | EN388 2121X | CE CAT II

- State of the art vibration reducing glove for hand, arm and fingers (>~160 Hz)
- ISO 10819:2013 TRM=0,67, TRH=0,45

ART. NO: IMPVIBAMP
12 pairs (1 dozen)/carton
Size 8/S–11/XL



15-4 Flexi Vibration

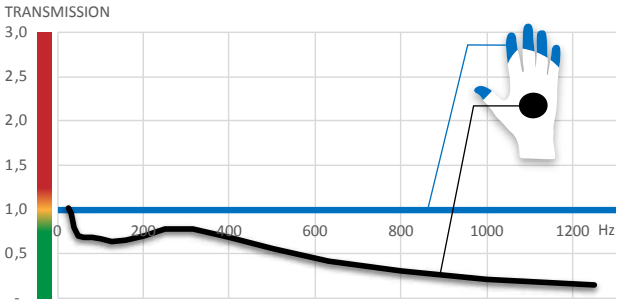
VIBRATION REDUCTION - DEXTERITY

FLEXI

EN 388 4X41D | ANSI CUT LEVEL A4 | CE CAT II

- High comfort vibration reducing glove for low to mid frequency tools (~5-~400 Hz)
- Best in class comfort and dexterity
- ISO 10819:2013 TRM=0,76, TRH=0,67

ART. NO: 15-4FLEXIVIB
24 pairs (2 dozen)/carton
Size 7/XS-12/XXL



Impact Vibration Flexi

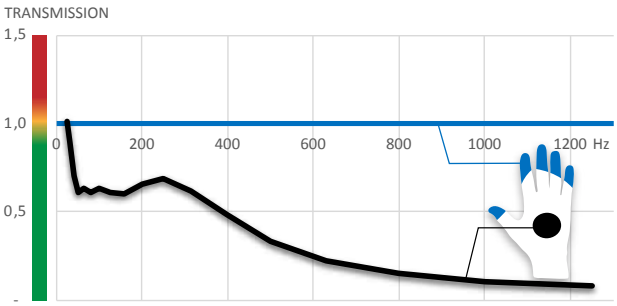
VIBRATION REDUCTION - SLOW ROTATING TOOLS - DEXTERITY

FLEXI

EN 388 2221X | CE CAT II

- High comfort vibration reducing glove for low to mid frequency tools (~5-~400 Hz)
- Optimized design to minimize finger resonance
- Educational print in palm with high grip
- ISO 10819:2013 TRM=0,71, TRH=0,53

ART. NO: IMPVIBFLEXI
24 pairs (2 dozen)/carton
Size 7/XS–12/XXL



Vibration Flexi Winter

VIBRATION REDUCTION - DEXTERITY - WARM

Impact Vibration Leather

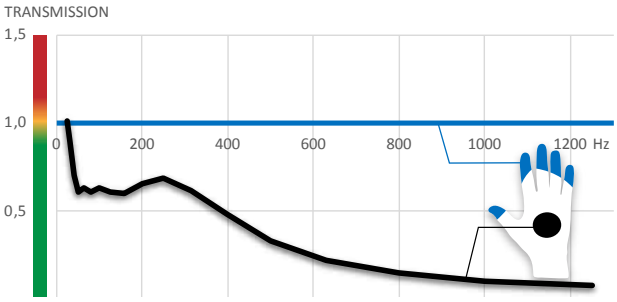
VIBRATION REDUCTION - SLOW ROTATING TOOLS

FLEXI

EN 388 3X23B | ANSI CUT LEVEL A2 | EN 407 43XXXX | CE CAT II

- High comfort vibration reducing glove for low to mid frequency tools (~5-~400 Hz)
- Educational print in palm with high grip
- Perfect for working environments where sparks may occur
- ISO 10819:2013 TRM=0,71, TRH=0,53

ART. NO: IMPVIBLEATHER
12 pairs (1 dozen)/carton
Size 8/S–12/XXL



Winter

Winter gloves are used over a wide range of environments, both indoor and outdoor. The Eureka winter gloves are well suited for refrigerated rooms, freezer houses, outdoor cool, cold, moist and wet environments and to the dry extreme cold.

Eureka is working with high technology fibers and linings to be able to provide the best feeling and to support the insulation and make the cold working day a happy day.

WINTER ENVIRONMENT

USER ENVIRONMENT

15-1 Assembly Winter

PRECISION - WARM - DURABLE

EN388 4121X | EN511 X2X | CE CAT II

- Thin and warm with brushed inside for maximum comfort
- High dexterity and durability in cold environments
- Reflective print for maximum visibility

ART. NO: 15-1AWIN
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

15-1 Assembly Winter 2

PRECISION - WARM - VERY OILY

EN388 4121X | CE CAT II

- Thin and warm with brushed inside for maximum comfort
- Optimized for oily and cold environments
- Reflective print for maximum visibility

ART. NO: 15-1AWIN2
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

15-3 Winter Cut

PRECISION - CUT - WARM

EN388 4X43D | ANSI CUT LEVEL A4 | EN511 X1X | CE CAT II

- High comfort and cut resistance in a thin glove
- High dexterity and durability in cold environments
- Reflective print for maximum visibility

ART. NO: 15-3WINCUT
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

1310-2 Double Shell Nitrile

WARM - INSULATION - COMFORTABLE

EN388 4242X | EN511 X4X | CE CAT II

- Excellent comfort with highest insulation to cold contact
- Good grip in oily environments
- Reflective print for maximum visibility

ART. NO: 1310-2DSN
60 pairs (5 dozen)/carton
Size 8/S–12/XXL

1310-5 Double Shell Nitrile

VERY HIGH CUT - INSULATION - COMFORTABLE

EN388 3544F | ANSI CUT LEVEL A6 | EN511 X4X | CE CAT II

- Highest cut resistant winter glove
- Excellent comfort with highest insulation to cold contact
- Reflective print for maximum visibility

ART. NR: 1310-5DSN
60 pairs (5 dozen)/carton
Size 8/S–12/XXL

PU Grip Winter

DRY GRIP - WARM - DURABLE

EN388 2231X | EN511 12X | CE CAT II

- Great all-round working glove with high comfort
- Optimized grip for cold and moderately tough conditions

ART. NO: PUGWIN
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

PU Grip Winter Waterproof

WET GRIP - WARM - DURABLE

EN388 2231X | EN511 12X | CE CAT II

- Great all-round working glove with high comfort
- Waterproof with optimized grip for cold and moderately tough conditions

ART. NO: PUGWINWP
60 pairs (5 dozen)/carton
Size 7/XS–12/XXL

MF Nordic Winter

DRY COLD - VERY WARM - COMFORTABLE

EN388 3222 | EN511 24X | CE CAT II

- Top of its class in very cold environments
- Convertible from glove to mitten
- Highest level of comfort

ART. NO: MFNWIN
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

Food

Gloves designed for the food industry, food safe, washable and blue for easy identification.

13-1 Insider (Food)

FOOD - INSULATION - WASHABLE

CE CAT I

- Certified as food safe
- Washable at 60˚C
- Good insulation against cold
- Well suited for use underneath disposable gloves or rubber gloves
- Blue color for easy identification

ART. NO: 13-1FOOD
60 pairs (5 dozen)/carton
Size 7/XS–11/XL

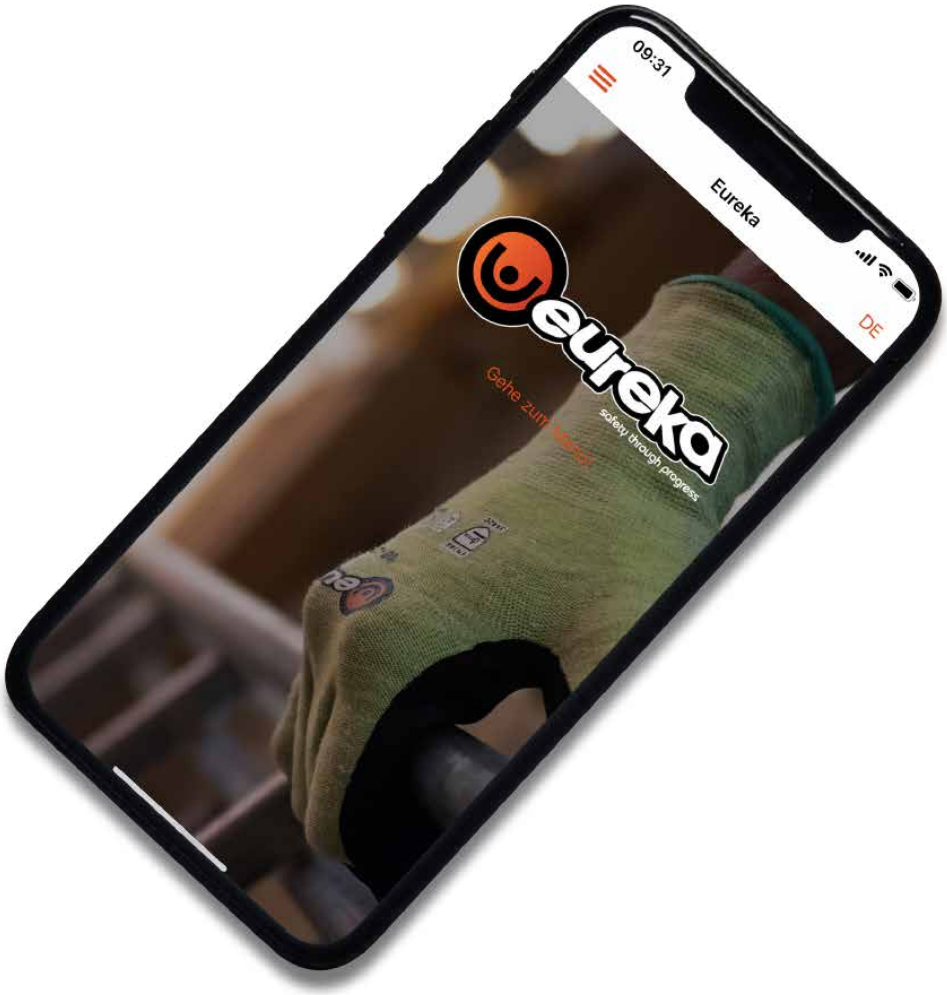
10-5 Food

FOOD - VERY HIGH CUT - WASHABLE

EN388 4542F | ANSI CUT LEVEL A6 | CE CAT II

- Certified as food safe
- HPPE Steel and fibreglass provide high cut level
- Washable at 70˚C
- Blue colour for easy identification

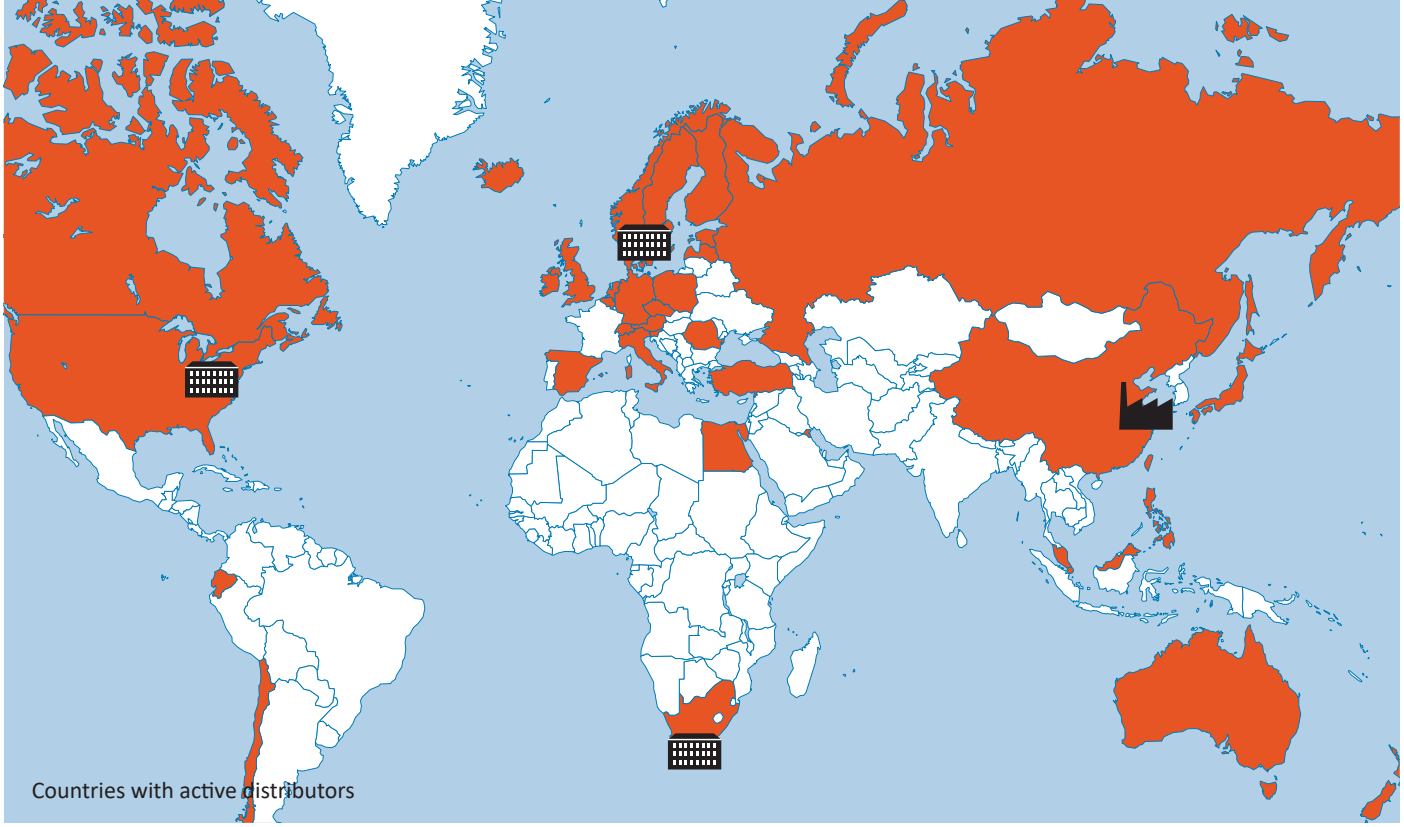
ART. NO: 10-5FOOD
60 pairs (5 dozen)/carton
Size 7/XS–11/XL



Download the Eureka Safety App!
Available on iOS and Android in 22 languages

iOS

Google Play



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Stock, lab and Headquarters

Cleveland, Ohio, USA
Stock and Sales Office

Johannesburg, South Africa
Stock and Sales Office

Jiangsu province, China
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