Xcellent®

Want Safe and Comfort... TRY Xcellent!

A Professional Glove Solution Provider

About Xcellent

Xcellent is a premium manufacturer of protective gloves and arm sleeves designed for today's demanding workplaces.

Headquartered in Düsseldorf, Germany, with a major presence in Europe and North America, we combine advanced manufacturing, innovative materials, and technical expertise to develop hand protection that delivers exceptional safety, comfort, durability, and performance.
We maintain close relationships with our distribution partners and industrial end users. Their feedback directly influences our product development process, ensuring every new generation of Xcellent products solves real-world workplace challenges.

The Xcellent Differences

+ Technical Expertise You Can Trust

Unlike many companies that simply source products from Asia, Xcellent has family owned companies there and maintains its technical teams throughout the development and manufacturing process.
We oversee product design, material selection, manufacturing, quality control, and product innovation from beginning to end.

This hands-on approach allows us to respond quickly, maintain consistent quality, and provide greater flexibility.

+ Innovation That Sets Xcellent Apart

Innovation is one of the cornerstones of the Xcellent brand.
Our engineering team continually develops proprietary technologies that provide meaningful performance advantages over conventional work gloves. Rather than offering commodity products, we focus on creating differentiated solutions that deliver measurable improvements in protection, comfort, and durability.

Our exclusive PremiCut® Technology is a perfect example.
These gloves provide outstanding cut protection, however, the wearer will notice these gloves are thinner, softer, and more comfortable than many competing gloves of the same gauge.
The result is improved dexterity, reduced hand fatigue, and greater worker acceptance without sacrificing protection.

+ Customized Solutions for Industrial Applications

Every workplace presents unique safety challenges.
When standard products aren't the ideal solution, Xcellent works closely with distributors and directly with industrial end user companies to develop application-specific hand protection solutions.
Our technical specialists collaborate with customers to create products that meet exact performance, protection, and operational requirements.

+ A Trusted Partner

At Xcellent, we view our dealers and distributors as long-term business partners. Beyond manufacturing premium products, we offer value-added programs that help our distribution partners grow their business, including:

- **Product customization and priviate label programs**
- **Drop shipments (cost savings)**
- **Vending machine packaging available**
- **Consigned inventory programs**
- **Prepaid freight programs**
- **Responsive technical and sales support**

Our goal is simple: provide exceptional products, outstanding service, and flexible business solutions that help our customers succeed.

Try Xcellent, Feel The Difference!

Technologies

PremiCut Technology™	Premium comfort with advanced cut protection. PREMICUT™ Technology is engineered to produce cut-resistant gloves that are thinner, smoother, and more flexible without compromising protection in same gauge construction. The lightweight construction improves dexterity, reduces hand fatigue, and delivers exceptional comfort for all-day performance.
X-Diamond Technology™	Redefining cut protection by eliminating the compromises of traditional cut protection gloves. X-Diamond™ Technology replaces conventional HPPE yarn with our proprietary high-performance fiber, delivering exceptional cut resistance with greater strength and durability. Unlike traditional cut-resistant fibers, it achieves high levels of protection without the need for glass or steel fibers, resulting in a lighter, thinner, and more flexible glove. The fiber is also skin-friendly, eliminating concerns about irritation caused by glass fibers while providing a cool, comfortable feel for extended wear.
XTech PU Technology™	Enhanced coating for lasting performance. Engineered to enhance polyurethane coating performance, XTECH PU™ Technology delivers greater durability, improved abrasion resistance, and a more secure grip in demanding work environments.

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21-700

Ultra-thin 21-gauge A4 polyurethane coated glove engineered with PREMICUT™ Technology for exceptional dexterity, tactile sensitivity, and all-day comfort.

- **ANSI/ISEA 105 Cut Level A4** protection.
- **21-gauge construction** for ultra-thin, enhanced flexibility, dexterity, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable feel.
- **Reinforced thumb crotch** enhances durability in a high-wear area and extends glove life.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 3 3 105-2024 | CUT A4 | ABR 3 | PUN 3 | EN388 3X42D | 21 Gauge | PremiCut

Liner: 21 gauge, PremiCut

Coating: XTech Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

21-700S

Ultra-thin 21-gauge A4 polyurethane coated glove engineered with PREMICUT™ Technology includes added finger reinforcement for extended use.

- **ANSI/ISEA 105 Cut Level A4** protection.
- **21-gauge construction** for ultra-thin, enhanced flexibility, dexterity, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable feel.
- **Added extended reinforced thumb crotch** enhances durability in a high-wear area and extends glove life.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 3 3 105-2024 | CUT A4 | ABR 3 | PUN 3 | EN388 3X42D | 21 Gauge | PremiCut

Liner: 21 gauge, PremiCut

Coating: XTech Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

18-950

NEW! Innovative X-Diamond™ 18-Gauge A4 sandy nitrile coated glove. Very comfortable, smooth, ultra-thin, and cool-to-the-touch feel for extended wear.

- **Engineered with X-Diamond™ Technology,** featuring a proprietary high-performance fiber that delivers exceptional strength and durability compared with conventional cut-resistant yarns. Unlike traditional cut resistant fibers that rely on glass or steel fibers to enhance cut protection, X-Diamond™ Technology achieves high cut resistance without these reinforcement fibers, resulting in a thinner, lighter, and more flexible glove with lasting comfort.
- **Cool-to-the-touch feel** promotes comfort during extended wear.
- **Sandy nitrile coating** delivers reliable grip and oil resistance.
- **Close-fitting design** provides excellent dexterity, tactile sensitivity, and freedom of movement.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove service life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 6 3 105-2024 | CUT A4 | ABR 6 | PUN 3 | EN388 4X42D | EN407 X1XXXX | 18 Gauge | X-DIAMOND TECHNOLOGY

Liner: X-Diamond

Coating: Sandy nitrile

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

18-951

NEW! Innovative X-Diamond™ 18-Gauge A4 polyurethane coated glove. Very comfortable, smooth, ultra-thin, and cool-to-the-touch feel for extended wear.

- **Engineered with X-Diamond™ Technology,** featuring a proprietary high-performance fiber that delivers exceptional strength and durability compared with conventional cut-resistant yarns. Unlike traditional cut resistant fibers that rely on glass or steel fibers to enhance cut protection, X-Diamond™ Technology achieves high cut resistance without these reinforcement fibers, resulting in a thinner, lighter, and more flexible glove with lasting comfort.
- **Cool-to-the-touch feel** promotes comfort during extended wear.
- **Xcellent XTech™ PU coating** delivers good grip with a soft and light oil resistance.
- **Close-fitting design** provides excellent dexterity, tactile sensitivity, and freedom of movement.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove service life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 4 4 105-2024 | CUT A4 | ABR 4 | PUN 4 | EN388 3X42D | 18 Gauge | X-DIAMOND TECHNOLOGY

Liner: X-Diamond **Size Range:** XS, S, M, L, XL, 2XL

Coating: XTech Polyurethane **Packed:** 12 Dozen / Case

18-991

ECO Friendly PREMICUT™ Technology 18-gauge A6 sandy nitrile coated glove made with reclaimed and recycled materials. Enhanced dexterity, flexibility, comfort and tactile sensitivity.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Eco-conscious construction** uses reclaimed and recycled material equivalent to approximately one 500 ml plastic bottle per pair.
- **Reduces CO_2 emissions by approximately 18 g per pair** compared with virgin polyester material.
- **Sandy nitrile coating** delivers excellent grip, oil resistance, and durability.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.

ANSI / ISEA A6 6 4 105-2024 | CUT A6 | ABR 6 | PUN 4 | EN388 4X42F | EN407 X1XXXX | 18 Gauge | PremiCut | 18g CO2 savings

Liner: 18 gauge, PremiCut, recycled polyester **Size Range:** XS, S, M, L, XL, 2XL

Coating: Sandy nitrile **Packed:** 12 Dozen / Case

18-992

ECO Friendly PREMICUT™ Technology 18-gauge A6 polyurethane coated glove made with reclaimed and recycled materials. Enhanced dexterity, flexibility, comfort and tactile sensitivity.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Eco-conscious construction** uses reclaimed and recycled material equivalent to approximately one 500 ml plastic bottle per pair.
- **Reduces CO_2 emissions by approximately 18 g per pair** compared with virgin polyester material.
- **Xcellent XTech™ PU coating** delivers good grip with a soft, and resistance to light oil.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.

ANSI / ISEA A6 4 4 105-2024 | CUT A6 | ABR 4 | PUN 4 | EN388 3X42F | 18 Gauge | PremiCut | 18g CO2 savings

Liner: 18 gauge, PremiCut, recycled polyester **Size Range:** XS, S, M, L, XL, 2XL

Coating: XTech Polyurethane **Packed:** 12 Dozen / Case

18-994

Engineered with PREMICUT™ Technology and XTech™ PU coating 18 gauge A6 polyurethane coated glove delivers excellent dexterity. Thinner, smoother and more comfortable.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Close-fitting design** enhances dexterity and flexibility for both general handling and precision applications.
- **Reinforced thumb crotch** improves durability in a high-wear area, extends glove life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A6 4 4 | CUT A6 | ABR 4 | PUN 4 | EN388 4X42F | 18 Gauge | PremiCut

105-2024

Liner: 18 gauge, PremiCut

Coating: XTech PU

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

18-971

Engineered with PREMICUT™ Technology 18 gauge A4 sandy nitrile coated glove delivers excellent dexterity and high abrasion resistance. Thinner, smoother and more comfortable.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Sandy nitrile coating** delivers excellent grip, oil resistance, and durability.
- **Smooth, breathable design** promotes airflow and a cool feel for all-day comfort.
- **Reinforced thumb crotch** improves durability in a high-wear area, extends glove life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 6 4 | CUT A4 | ABR 6 | PUN 4 | EN388 4443D | EN407 X1XXXX | 18 Gauge | PremiCut

105-2024

Liner: 18 gauge, PremiCut

Coating: Sandy nitrile

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

18-972

Engineered with PREMICUT™ Technology and XTech™ PU coating 18 gauge A5 polyurethane coated glove delivers excellent dexterity. Thinner, smoother and more comfortable.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Xcellent XTech™ PU coating** delivers good grip with a soft, comfortable feel.
- **Barehand dexterity and close-fitting design** provide precise handling with minimal hand fatigue.
- **Smooth, breathable design** promotes airflow and a cool feel for all-day comfort.
- **Reinforced thumb crotch** improves durability in a high-wear area, extends glove life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A5 4 4 | CUT A5 | ABR 4 | PUN 4 | EN388 4X42E | 18 Gauge | PremiCut

105-2024

Liner: 18 gauge, PremiCut

Coating: XTech Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

18-998

NEW! PREMICUT™ and X-Diamond™ Technology combined 18 gauge A9 sandy nitrile coated glove achieves the highest level of ANSI cut rating available.

- 18-gauge construction combines duo high-performance cut resistant fibers, **X-Diamond™ yarn**, and other technical fibers to deliver 360° cut level A9 protection with a lightweight, excellent dexterity, tactile sensitivity, and comfortable feel.
- **PREMICUT™ Technology** optimizes the glove structure for a thinner, lighter, and smoother feel without compromising cut protection performance.
- **X-Diamond™ Technology** provides enhanced strength and durability without relying on traditional glass or steel reinforcement fibers.
- **Touchscreen compatible** for convenient operation of touchscreen devices.
- **High-visibility yellow color** enhances glove visibility and supports worker recognition in busy industrial environments.

ANSI / ISEA A9 6 4 105-2024 | CUT A9 | ABR 6 | PUN 4 | EN388 4X42F | 18 Gauge | PremiCut | X-DIAMOND TECHNOLOGY

Liner: 18 gauge, X-Diamond yarn, PremiCut
Coating: Sandy nitrile
Size Range: XS, S, M, L, XL, 2XL
Packed: 12 Dozen / Case

18-985

Engineered with PREMICUT™ Technology 18 gauge A5 micro foam nitrile coated glove with added dots for extended durability and grip.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Micro-foam nitrile coating with nitrile dots** delivers enhanced grip, durability, and additional heat resistance.
- **Close-fitting design** provides excellent dexterity and precise handling.
- **Smooth, breathable design** promotes airflow and a cool feel for all-day comfort.
- **Reinforced thumb crotch** improves durability in a high-wear area, extends glove life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A5 6 4 105-2024 | CUT A5 | ABR 6 | PUN 4 | EN388 4X43E | EN407 X1XXXX | 18 Gauge | PremiCut

Liner: 18 gauge, PremiCut
Coating: Micro-foam nitrile, nitrile dots
Size Range: XS, S, M, L, XL, 2XL
Packed: 12 Dozen / Case

12-900

Lightweight 18 gauge A4 sandy nitrile coated glove excellent dexterity, breathability, and high abrasion resistance. Comfortable, close-fitting feel with excellent dexterity for precision handling.

- **18-gauge construction** provides a lightweight feel, enhanced dexterity and flexibility, and helps reduce hand fatigue.
- **Excellent dexterity and flexibility** for precision work and detailed handling.
- **Sandy nitrile coating** provides reliable grip in oily and dry working conditions.
- **Close-fitting design** provides a comfortable, secure fit.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.
- **Soft, comfortable construction** supports extended wear.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

ANSI / ISEA A4 6 4 105-2024 | CUT A4 | ABR 6 | PUN 4 | EN388 4X43D | EN407 X1XXXX | 18 Gauge

Liner: 18 gauge, UHMWPE, glass fiber, steel fiber, polyester
Coating: Sandy nitrile
Size Range: S, M, L, XL, 2XL, 3XL
Packed: 12 Dozen / Case

ANSI / ISEA A6 3 X 105-2024 | CUT A6 | ABR 3 | EN388 3X4XF | 18 Gauge | PremiCut

18-997

Engineered with PREMICUT™ Technology advanced 18-gauge A6 uncoated food contact approved glove with extended cuff for additional wrist protection. This glove provides a smooth, comfortable, close-fitting feel with excellent dexterity and tactile sensitivity.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Extended cuff** provides additional coverage and wrist protection.
- **Food contact approved.** Materials comply with both FDA regulations and EU regulations for food contact.
- **Ultra-thin, close-fitting design** allows comfortable use as a liner or over disposable nitrile or latex gloves.
- **Lightweight construction** helps minimize hand fatigue and support productivity during extended wear.
- **A cool feel** of the material and breathable for all day comfort.

Liner: 18 gauge, PremiCut
Size Range: XS, S, M, L, XL, 2XL
Coating: No coating
Packed: 12 Dozen / Case

ANSI / ISEA A4 3 X 105-2024 | CUT A4 | ABR 3 | EN388 2X4XD | 18 Gauge | PremiCut

18-903

Engineered with PREMICUT™ Technology advanced 18-gauge A4 uncoated food contact approved glove. This glove provides a smooth, comfortable, close-fitting feel with excellent dexterity and tactile sensitivity.

- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Food contact approved**. Materials comply with both FDA regulations and EU regulations for food contact.
- **Ultra-thin, close-fitting design** allows comfortable use as a liner or over disposable nitrile or latex gloves.
- **Lightweight construction** helps minimize hand fatigue and support productivity during extended wear.
- **A cool feel** of the material and breathable for all day comfort.

Liner: 18 gauge, PremiCut
Size Range: XS, S, M, L, XL, 2XL
Coating: No coating
Packed: 12 Dozen / Case

ANSI / ISEA A2 6 3 105-2024 | CUT A2 | ABR 6 | PUN 3 | EN388 4342B | EN407 X1XXXX | 18 Gauge

18-931

Lightweight 18 gauge A2 micro foam nitrile coated glove excellent dexterity, breathability, and high abrasion resistance.

- **18-gauge construction** provides an ultra-thin, lightweight feel for enhanced dexterity and flexibility.
- **Over 35% lighter** than a traditional cut level A2 nitrile glove to help reduce hand fatigue.
- **Micro-foam nitrile coating** provides reliable grip and enhanced breathability.
- **Excellent dexterity and close fit** for precision work and detailed handling.
- **Soft, comfortable construction** supports extended wear.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

Liner: 18 gauge, UHMWPE, glass fiber, nylon
Size Range: XS, S, M, L, XL, 2XL
Coating: Micro-foam nitrile
Packed: 12 Dozen / Case

12-351

ANSI / ISEA A4 6 4 105-2024 | CUT A4 | ABR 6 | PUN 4 | EN388 4X43D | 13 Gauge | PremiCut

12-350

Engineered with PREMICUT™ and XTech™ PU coating 13 guage A4 polyurethane coated glove - 20% thinner than other 13 gauge gloves. A smoother, softer, and more comfortable feel.

- Best seller and outstanding 13 gauge cut level A4 PU glove.
- **PREMICUT™ Technology** makes the glove **more than 20% thinner** than many traditional gloves of comparable 13-guage construction, providing a smoother, softer, and more comfortable feel.
- **Xcellent XTech™ PU coating** delivers good grip with enhanced durability and comfort.
- **Ergonomic design** conforms to the hand for improved fit and freedom of movement.
- **High tactile sensitivity and dexterity** for precise handling and control.

Liner: 13 gauge, PremiCut

Coating: XTech Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

ANSI / ISEA A6 6 5 105-2024 | CUT A6 | ABR 6 | PUN 5 | EN388 4X43F | 13 Gauge

12-381

Advanced XTech™ PU 13 gauge A6 polyurethane coated glove with flexible liner and high abrasion rating.

- **13-gauge construction** provides a flexible feel with dexterity and comfort.
- **Xcellent XTech™ PU coating** delivers good grip with enhanced durability and comfort.
- **Soft, comfortable liner** helps maintain flexibility and tactile sensitivity.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.
- **10-finger touchscreen compatible** for convenient operation of touchscreen devices.

Liner: 13 gauge, UHMWPE, steel fiber, glass fiber, others

Coating: Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

ANSI / ISEA A6 6 4 105-2024 | CUT A6 | ABR 6 | PUN 4 | EN388 4X44F | EN407 X1XXXX | 13 Gauge

12-387

High-visibility 13 gauge A6 sandy nitrile coated glove for general and challenging work environments. One of the best sellers.

- **13-gauge construction** provides a flexible feel with dexterity and comfort.
- **Sandy nitrile palm coating** delivers reliable grip and abrasion resistance in dry and lightly oily conditions.
- **Reinforced thumb crotch** enhances durability in a high-wear area and extends glove service life.
- **High-visibility yellow color** enhances worker visibility and supports PPE compliance in busy industrial settings.
- **Soft, flexible construction** provides a comfortable, close-fitting feel for extended wear.
- **Touchscreen compatible** for convenient operation of touchscreen devices.

Liner: 13 gauge, UHMWPE, steel fiber, glass fiber, others

Coating: Sandy nitrile

Size Range: S, M, L, XL, 2XL

Packed: 12 Dozen / Case

12-368

3/4 double dipped 13 gauge A4 sandy nitrile coated glove, oil and water repellent. Soft and flexible.

- **13-gauge construction** provides good dexterity and flexibility.
- **Water and oil repellent construction** helps keep hands protected in wet and oily work environments.
- **Sandy nitrile palm finish** delivers reliable grip in dry and oily working conditions.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove service life, and provides additional protection.
- **Contact heat protection up to 212°F (100°C).**

ANSI / ISEA	CUT	ABR	PUN	EN388	EN407	
A4 6 4 (105-2024)	A4	6	4	4X44D	X1XXXX	13 Gauge

Liner: 13 gauge, UHMWPE, glass fiber, others

Coating: Palm, sandy nitrile; 3/4, flat nitrile

Size Range: S, M, L, XL, 2XL

Packed: 6 Dozen / Case

12-369

Full double dipped 13 gauge A4 sandy nitrile coated glove, oil and water repellent. Soft and flexible.

- **13-gauge construction** provides good dexterity and flexibility.
- **Water and oil repellent construction** helps keep hands protected in wet and oily work environments.
- **Sandy nitrile palm finish** delivers reliable grip in dry and oily working conditions.
- **Contact heat protection up to 212°F (100°C).**

ANSI / ISEA	CUT	ABR	PUN	EN388	EN407	
A4 6 4 (105-2024)	A4	6	4	4X44D	X1XXXX	13 Gauge

Liner: 13 gauge, UHMWPE, glass fiber, others

Coating: Palm, sandy nitrile; Full, flat nitrile

Size Range: S, M, L, XL, 2XL

Packed: 12 Dozen / Case

X-007

4 in 1 Multi hazard 13 gauge A4 synthetic coated aramid glove combines flame resistance, arc flash, cut, and heat protection.

- **Arc flash protection** with an Arc Rating (ATPV) of **10.3 cal/cm²** according to **ASTM F2675/F2675M-19.**
- **Arc Flash Class 2** protection.
- **ANSI/ISEA 105 Cut Level A4** protection.
- **Flame resistant** construction for enhanced protection against thermal hazards.
- **Heat protection** against contact, convective, and radiant heat.
- **High-performance coating** enhances durability and provides reliable grip.
- **Flexible construction** provides excellent dexterity and freedom of movement.
- **Ergonomic fit** helps minimize hand fatigue during extended wear.

ANSI / ISEA	CUT	ABR	PUN	EN388	EN407	
A4 3 3 (105-2024)	A4	3	3	4X43D	4122XX	13 Gauge

Liner: 13 gauge, para-aramid, others

Coating: Synthetic coating

Size Range: S, M, L, XL, 2XL

Packed: 6 Dozen / Case

21-700SIP

Ultra-thin PREMICUT™ 21-gauge A4 polyurethane coated glove featuring FlexMatrix™ ANSI impact level 2 protection.

- **FlexMatrix™ impact protection,** a matrix of small, flexible protective elements creates continuous impact protection that moves naturally with the hand, delivering flexibility, coverage, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- **21-gauge construction** for ultra-thin, dexterity, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable feel.
- **Added extended reinforced thumb crotch** enhances durability in a high-wear area and extends glove life.
- **Bright hi-vis color** enhances worker visibility and supports PPE compliance in busy industrial settings.

ANSI / ISEA A4 3 3 105-2024 | CUT A4 | ABR 3 | PUN 3 | EN388 3X42DP | ANSI / ISEA 138 2 | 21 Gauge | PremiCut

Liner: 21 gauge, PremiCut
Coating: XTech Polyurethane
Size Range: XS, S, M, L, XL, 2XL
Packed: 6 Dozen / Case

12-350IP

FlexMatrix™ and PREMICUT™ Technology 13 gauge A4 XTech™ polyurethane coated glove with ANSI impact level 2 protection.

- **FlexMatrix™ Impact Protection** - A matrix of small, flexible protective elements creates continuous impact coverage that moves naturally with the hand, providing flexibility, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- **PREMICUT™ Technology** makes the glove (without TPR part) **more than 20% thinner** than many traditional gloves of comparable 13-guage construction, providing a smoother, softer, and more comfortable feel.
- **Touchscreen compatible** for convenient operation of touchscreen devices.
- **Bright hi-vis color** enhances worker visibility and supports PPE compliance in busy industrial settings.

ANSI / ISEA A4 6 4 105-2024 | CUT A4 | ABR 6 | PUN 4 | EN388 4X43DP | ANSI / ISEA 138 2 | 13 Gauge | PremiCut

Liner: 13 gauge, PremiCut
Coating: XTech Polyurethane
Size Range: XS, S, M, L, XL, 2XL
Packed: 6 Dozen / Case

18-971IP

FlexMatrix™ and PREMICUT™ Technology 18 gauge A4 sandy nitrile coated glove with ANSI impact level 2 protection.

- **FlexMatrix™ Impact Protection** - A matrix of small, flexible protective elements creates continuous impact coverage that moves naturally with the hand, providing flexibility, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Sandy nitrile coating** delivers excellent grip, oil resistance, and durability.
- **Reinforced thumb crotch** improves durability in a high-wear area, extends glove life, and provides additional protection.
- **Bright hi-vis color** enhances worker visibility and supports PPE compliance in busy industrial settings.

ANSI / ISEA A4 6 4 105-2024 | CUT A4 | ABR 6 | PUN 4 | EN388 4443DP | ANSI / ISEA 138 2 | 18 Gauge | PremiCut

Liner: 18 gauge, PremiCut
Coating: Sandy nitrile
Size Range: XS, S, M, L, XL, 2XL
Packed: 6 Dozen / Case

18-991IP

FlexMatrix™ and PREMICUT™ Technology 18 gauge A6 sandy nitrile coated glove with ANSI impact level 2 protection.

- **FlexMatrix™ Impact Protection** - A matrix of small, flexible protective elements creates continuous impact coverage that moves naturally with the hand, providing flexibility, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Sandy nitrile coating** delivers excellent grip, oil resistance, and durability.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.
- **Bright hi-vis color** enhances worker visibility and supports PPE compliance in busy industrial settings.

ANSI / ISEA A6 6 4 105-2024 | CUT A6 | ABR 6 | PUN 4 | EN388 4X42FP | ANSI / ISEA 138 2 | 18 Gauge | PremiCut

Liner: 18 gauge, PremiCut

Coating: Sandy nitrile

Size Range: XS, S, M, L, XL, 2XL

Packed: 6 Dozen / Case

18-992IP

FlexMatrix™ and PREMICUT™ Technology 18 gauge A6 XTech™ PU polyurethane coated glove with ANSI impact level 2 protection.

- **FlexMatrix™ Impact Protection** - A matrix of small, flexible protective elements creates continuous impact coverage that moves naturally with the hand, providing flexibility, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- **18-gauge construction** for enhanced dexterity, flexibility, and tactile sensitivity.
- **PREMICUT™ Technology** provides a thinner, smoother, and more comfortable fit without compromising protection performance.
- **Xcellent XTech™ PU coating** delivers good grip with a soft, comfortable feel.
- **Reinforced thumb crotch** enhances durability in a high-wear area, extends glove life, and provides additional protection.
- **Bright hi-vis color** enhances worker visibility and supports PPE compliance in busy industrial settings.

ANSI / ISEA A6 4 4 105-2024 | CUT A6 | ABR 4 | PUN 4 | EN388 3X42FP | ANSI / ISEA 138 2 | 18 Gauge | PremiCut

Liner: 18 gauge, PremiCut

Coating: XTech Polyurethane

Size Range: XS, S, M, L, XL, 2XL

Packed: 6 Dozen / Case

18-998IP

X-Diamond™ and PREMICUT™ Technology 18 gauge A9 sandy nitrile coated glove with FlexMatrix™ ANSI impact level 2 protection.

- **FlexMatrix™ Impact Protection** - A matrix of small, flexible protective elements creates continuous impact coverage that moves naturally with the hand, providing flexibility, comfort, and breathability without the bulk of traditional sewn-on TPR pads.
- 18-gauge construction combines duo high-performance cut resistant fibers, **X-Diamond™ yarn**, and other technical fibers to deliver 360° cut level A9 protection with a lightweight, excellent dexterity, tactile sensitivity, and comfortable feel.
- **PREMICUT™ Technology** optimizes the glove structure for a thinner, lighter, and smoother feel without compromising cut protection performance.
- **Bright hi-vis color** enhances glove visibility and supports worker recognition in busy industrial environments.

ANSI / ISEA A9 6 4 105-2024 | CUT A9 | ABR 6 | PUN 4 | EN388 4X42FP | ANSI / ISEA 138 2 | 18 Gauge | PremiCut

Liner: 18 gauge, X-Diamond yarn, PremiCut

Coating: Sandy nitrile

Size Range: XS, S, M, L, XL, 2XL

Packed: 6 Dozen / Case

ANSI / ISEA A1 6 2 | CUT A1 | ABR 6 | PUN 2 | EN388 4131A | EN407 X1XXXX | 15 Gauge

105-2024

3000

Lightweight 15 gauge A1 sandy nitrile coated polyamide/spandex shell offers excellent dexterity, comfort, breathability, and high abrasion resistance.

- **15-gauge polyamide/spandex shell** provides excellent flexibility, dexterity, and comfort.
- **Sandy nitrile coating** delivers reliable grip in wet, oily, and dry working conditions.
- **High abrasion resistance** enhances durability and extends glove service life.
- **Close-fitting design** provides a secure, comfortable fit for precise handling.
- **360° breathability** promotes airflow and helps keep hands cool during extended wear.
- **Contact heat protection up to 212°F (100°C).**
- **Touchscreen compatible** for convenient operation of touchscreen devices.

Liner: 15 gauge polyamide, spandex

Coating: Sandy nitrile

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

ANSI / ISEA A1 6 2 | CUT A1 | ABR 6 | PUN 2 | EN388 4131A | EN407 X1XXXX | 15 Gauge

105-2024

3006

Lightweight 15 gauge A1 micro foam nitrile coated with dotted palm and heat rated glove offers extended wear and breathability.

- **15-gauge construction** provides a lightweight, flexible feel with excellent dexterity.
- **Micro-foam nitrile coating with additional nitrile dots** enhances grip, abrasion resistance, and durability.
- **High-visibility orange color** improves glove visibility in low-light and outdoor work environments.
- **Soft, flexible construction** provides a comfortable, close-fitting feel for extended wear.
- **Contact heat protection up to 212°F (100°C).**
- **Touchscreen compatible** for convenient operation of touchscreen devices.

Liner: 15 gauge, polyester, spandex, others

Coating: Micro-foam nitrile, nitrile dots

Size Range: XS, S, M, L, XL, 2XL

Packed: 12 Dozen / Case

ANSI / ISEA A1 6 2 | CUT A1 | ABR 6 | PUN 2 | EN388 4131X | EN407 X1XXXX | 15 Gauge

105-2024

3009

Full double dipped 15 gauge A1 sandy nitrile coated contact heat rated glove for additional protection against oil and water.

- **15-gauge polyester shell** provides a lightweight, flexible, and comfortable fit.
- **Full flat nitrile coating** helps provide resistance to water and oil.
- **Sandy nitrile palm finish** delivers reliable grip in wet, oily, and dry working conditions.
- **Water- and oil-repellent construction** helps keep hands protected in wet and oily environments.
- **Contact heat protection up to 212°F (100°C).**
- **Flexible construction** supports dexterity and comfortable extended wear.

Liner: 15 gauge, polyester

Coating: Palm, sandy nitrile; Full flat nitrile

Size Range: S, M, L, XL, 2XL

Packed: 12 Dozen / Case

ANSI / ISEA A4 3 X 105-2024 | CUT A4 | ABR 3 | EN388 2X4XD | EN407 X2XXXX | 7 Gauge

12-251

High-temperature 7 gauge A4 blended aramid unocated glove for contact heat up to 482°F (250°C). Flexible and comfortable fit.

- **Contact heat protection up to 482°F (250°C)** according to EN 407.
- **Advanced knitted construction** provides a comfortable, flexible fit.
- **Designed for double-layer use** while maintaining a comfortable, close-fitting feel.
- **Soft, flexible construction** supports dexterity and freedom of movement.
- **High breathability** promotes airflow and helps reduce hand perspiration.
- **Comfortable fit** supports extended wear in high-heat applications.

Liner: 7 gauge, Kevlar, Nomex, cotton, others

Coating: No coating

Size Range: S, M, L, XL, 2XL

Packed: 6 Dozen / Case

ANSI / ISEA A4 6 5 105-2024 | CUT A4 | ABR 6 | PUN 5 | EN388 4X44D | EN407 X2XXXX | 13 Gauge

12-372

Multi-purpose 13-gauge A4 sandy nitrile coated with premium leather palm and finger reinforcement heat resistant glove up to 482°F (250°C). Oil resistant and durable.

- **13-gauge construction** provides an excellent balance of flexibility, dexterity, and comfort.
- **Leather palm and finger reinforcement** enhances heat, abrasion, and puncture resistance. Premium leather delivers extra comfort.
- **Contact heat protection up to 482°F (250°C)** according to EN 407.
- **Sandy nitrile coating** adds resistance to oil and heat.
- **Soft, comfortable construction** supports extended wear.

Liner: 13 gauge, UHMWPE mixed with others

Coating: Sandy nitrile, leather

Size Range: S, M, L, XL, 2XL

Packed: 6 Dozen / Case

ANSI / ISEA A6 6 3 105-2024 | CUT A6 | ABR 6 | PUN 3 | EN407 X1XXXX | 13 Gauge

X-022

XSGrip™ clear silicone 13 gauge A6 silicone coated glove with heat protection up to 212°F (100°C). Specialized grip performance for smooth surfaces, no leaving fingerprints or smudges.

- **13-gauge construction** provides an excellent balance of protection, dexterity, and flexibility.
- **XSGrip™ clear silicone coating** provides enhanced contact heat protection for handling materials up to **212°F (100°C).**
- **Excellent dry grip on smooth surfaces** such as glass, screens, and finished parts.
- **Smear-free handling** helps prevent fingerprints and smudges on glass and reflective surfaces.
- **Anti-build-up surface** resists adhesion of sealants and hot-melt materials.
- **High-visibility color** makes the glove easier to identify in demanding work environments.
- **Washable construction** helps extend service life and reduce replacement costs.

Liner: 13 gauge, UHMWPE, steel fiber, glass fiber, others

Coating: Clear silicon

Size Range: S, M, L, XL, 2XL

Packed: 6 Dozen / Case

30-545

Cut resistant sleeve - 13 gauge A4 with thumbhole and adjustable top of arm hook and loop closure.

- **13-gauge construction** provides an excellent balance of cut protection, flexibility, and comfort.
- **Adjustable upper-arm hook-and-loop closure** provides a secure fit for different arm sizes and helps keep the sleeve in position.
- **Built-in thumb slot** helps secure the sleeve in position, while the thin palm knit minimizes bulk under gloves.
- **Bright hi-vis orange color** enhances worker visibility and supports PPE compliance in busy industrial settings.
- **Machine washable** for repeated use and long-lasting performance.
- **Offered in 18" and 22" lengths** to accommodate different coverage needs.

ANSI / ISEA A4 3 X 105-2024 | CUT A4 | ABR 3 | EN388 3X4XD | 13 Gauge

Liner: 13 gauge, PremiCut

Length: 18" and 22"

Size Range: -

Packed: 6 Dozen / Case

30-745

Cut resistant sleeve - 13 gauge A6 with thumbhole and adjustable top of arm hook and loop closure.

- **13-gauge construction** provides an excellent balance of cut protection, flexibility, and comfort.
- **Adjustable upper-arm hook-and-loop closure** provides a secure fit for different arm sizes and helps keep the sleeve in position.
- **Bottom elastic band** helps prevent the sleeve from shifting during use while enhancing comfort.
- **Advanced yarn wrapping and knitting technology** provides reliable cut protection with a soft, comfortable feel.
- **Two size options** accommodate different arm sizes and coverage needs.
- **Washable** for extended service life and reduced replacement costs.

ANSI / ISEA A6 4 X 105-2024 | CUT A6 | ABR 4 | EN388 3X4XF | 13 Gauge

Liner: 13 gauge, UHMWPE, steel fiber, others

Length: 18"

Size Range: S, L

Packed: 6 Dozen / Case

30-920

PREMICUT™ Ultra-Thin 18-Gauge Cut Level A6 Sleeve with thumbhole – Hi-Vis Green.

- **PremiCut™ engineered yarn technology** provides the ideal balance of lightweight comfort, flexibility, and ANSI A6 cut protection for demanding work environments.
- **Ultra-thin, breathable construction** delivers a barely-there feel while maintaining reliable protection against cut hazards.
- **Comfort-fit elastic bicep** keeps the sleeve securely in position throughout the workday without pinching or slipping.
- **Built-in thumb slot** helps secure the sleeve in position, while the thin palm knit minimizes bulk under gloves.
- **Bright hi-vis green color** enhances worker visibility and supports PPE compliance in busy industrial settings.
- **Machine washable** for repeated use and long-lasting performance.
- **Offered in 18" and 22" lengths** to accommodate different coverage needs.

ANSI / ISEA A6 3 X 105-2024 | CUT A6 | ABR 3 | EN388 2X4XF | 18 Gauge | PremiCut

Liner: 18 gauge, Premicut

Length: 18" and 22''

Size Range: -

Packed: 6 Dozen / Case

ANSI / ISEA A9 3 X 105-2024 | CUT A9 | ABR 3 | EN388 3X4XF | 18 Gauge | PremiCut

30-950

PREMICUT™ Ultra-Thin 18-Gauge Cut Level A9 Sleeve with thumbhole – Hi-Vis Yellow.

- **PremiCut™ engineered yarn technology** provides the ideal balance of lightweight comfort, flexibility, and ANSI A9 cut protection for demanding work environments.
- **Ultra-thin, breathable construction** delivers a barely-there feel while maintaining reliable protection against cut hazards.
- **Comfort-fit elastic bicep** keeps the sleeve securely in position throughout the workday without pinching or slipping.
- **Built-in thumb slot** helps secure the sleeve in position, while the thin palm knit minimizes bulk under gloves.
- **Bright hi-vis yellow color** enhances worker visibility and supports PPE compliance in busy industrial settings.
- **Machine washable** for repeated use and long-lasting performance.
- **Offered in 18" and 22" lengths** to accommodate different coverage needs.

Liner: 18 gauge, PremiCut

Size Range: -

Length: 18" and 22"

Packed: 6 Dozen / Case

ANSI / ISEA A2 3 2 105-2024 | CUT A2 | ABR 3 | PUN 2 | EN388 2X31B | EN511 X2X | EN407 X2XXXX | 10 Gauge

51-500

Thermal glove designed for cold and low-cut hazards. The hi-vis orange 10-gauge brushed acrylic construction provides a soft, warm, and comfortable feel.

- **10-gauge brushed acrylic construction** provides warmth, softness, flexibility, and comfort.
- **ANSI/ISEA 105 Cut Level A2** protection.
- **Cold, cut and heat resistance** helps protect hands across a range of working temperatures and low cut hazards protection.
- **Sandy latex coating** delivers reliable grip and enhanced handling performance.
- **High-visibility orange color** improves glove visibility in low-light and outdoor work environments.
- **Soft, flexible construction** provides a comfortable fit and supports dexterity.

Liner: 10 gauge, brushed acrylic

Coating: Sandy latex

Size Range: S, M, L, XL, 2XL

Packed: 10 Dozen / Case

ANSI / ISEA A5 3 3 | CUT A5 | ABR 3 | PUN 3 | EN388 2X42E | 15 Gauge | 10 Gauge

51-807

Excellent cold protection combining A5 cut resistance, waterproof and windproof. Hi-vis orange.

- **Warm brushed acrylic liner** provides excellent insulation for cold weather, refrigerated facilities, and cold chain operations.
- **ANSI/ISEA 105 Cut Level A5** protection.
- **Waterproof and windproof construction** helps keep hands protected in wet and windy conditions.
- **Sandy finish** delivers reliable grip in wet, oily, and dry working conditions.
- **High-visibility orange color** improves glove visibility in low-light and outdoor work environments.
- **Soft, flexible construction** provides a comfortable fit and supports dexterity.

Liner: 15gg+10gg, UHMWPE, steel fiber, brushed acrylic, others

Coating: Palm, sandy latex; Full, flat latex

Size Range: S, M, L, XL, 2XL

Packed: 10 Dozen / Case

Available October 1, 2026

ANSI / ISEA A7 6 4 105-2024 | CUT A7 | ABR 6 | PUN 4 | EN388 4X43F | 13 Gauge

51-820

Excellent cold protection meets ANSI A7 cut resistance in one durable winter work glove.

- **Warm brushed acrylic liner** provides excellent insulation for cold weather, refrigerated facilities, and cold chain operations.
- **ANSI/ISEA 105 Cut Level A7 cut resistance** delivers dependable protection against high cut hazards for demanding applications.
- **Durable sandy nitrile coating** enhances abrasion resistance while providing a secure, slip-resistant grip in dry and light oily environments.
- **Flexible ergonomic design** offers excellent comfort, dexterity, and reduced hand fatigue during extended use.
- **Built for demanding jobs**, combining warmth, durability, and high-performance hand protection in one versatile glove.

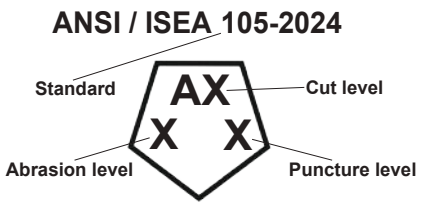
Liner: 13 gauge, brushed acrylic

Coating: Sandy nitrile

Size Range: S, M, L, XL, 2XL

Packed: 10 Dozen / Case

Labels of Protective Gloves



American national standard for protective gloves and sleeves against mechanical hazards

ANSI cut protection, levels from A1 to A9.

ANSI abrasion protection, levels from 1 to 6.

ANSI puncture protection, levels from 1 to 5.

ANSI standard for protective gloves against impact hazards

EN 388:2016 + A1:2018
Protective gloves against mechanical hazards

EN 407:2020
Protective gloves against thermal risks (heat and/or fire).

EN407:2020
Protective gloves against thermal risks (heat and/or fire).
No flame protection.

EN511:2006
Protective gloves against cold

EN16350:2014
Protective gloves against electrostatic properties.

Suitable for food contact and handling

Gloves made from recycled R-PET bottles

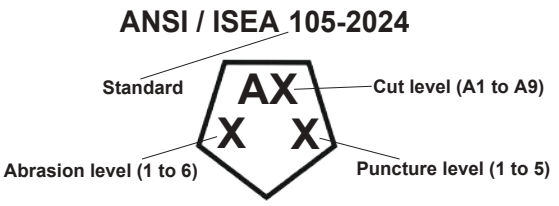
ESD Anti-static

Chemicals hazards

Cold hazards

Touch screen compatible

The gauge reflects the thickness of the glove, the bigger gauge the thinner. For example, 18 gauge glove is thinner than 15 gauge one.



NOTE: If an "X" is shown on one or multiple of the points in the pictogram, the glove has not been tested to that specific ANSI/ISEA 105-2024 classification(s)

ANSI / ISEA 105-2024 is an American national standard for protective gloves and sleeves against mechanical hazards.

CUT RESISTANCE

ASTM F2992 - 15: Use a TDM (tomodynamometer) cutting tester to move a straight - edged blade 20 millimeters along a unidirectional path on the material until it penetrates. Cut the material 5 times under 3 different loads (using a new blade each time). Then determine the cut level of the material. The force applied to the material by the rotating blade is recorded in newtons to establish this AF scale, and then the cut resistance level is determined.

ANSI / ISEA 105 Cut Levels and Scores	A1	A2	A3	A4	A5	A6	A7	A8	A9
Straight - Blade Cutting (g)	≥200	≥500	≥1000	≥1500	≥2200	≥3000	≥4000	≥5000	≥6000

LIGHT/MEDIUM CUT HAZARDS | MEDIUM/HEAVY CUT HAZARDS | HEAVY/HIGH CUT HAZARDS

ABRASION RESISTANCE

Based on ASTM D3389 - 10 (coated/unlined gloves) and ASTM D3884 - 09 (uncoated gloves), determine abrasion resistance by testing cycle counts. Mount a 4 - inch circular sample on a horizontal platform, apply 500g/1000g vertical load, use two calibrated H - 18 wheels with carborundum & silicon carbide abrasives for wear testing.

	500 Gram Load			1000 Gram Load		
ANSI / ISEA 105 Abrasion Levels and Scores	1	2	3	4	5	6
Abrasion Test (Revolutions)	≥200	≥500	≥1000	≥3000	≥10000	≥20000

PUNCTURE RESISTANCE

Test the maximum force for a blunt probe (similar to a ballpoint pen) to pierce samples between two plates. The probe pierces test fabric at 90° at 100mm/min, with weight gradually increased to puncture glove material.

ANSI / ISEA 105 Puncture Levels and Scores	1	2	3	4	5
Blunt Object Puncture Test (Newton)	≥10	≥20	≥60	≥100	≥150

ANSI / ISEA 138

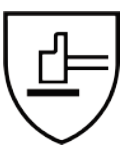
ANSI / ISEA 138-2019 is a American national standard for the performance and classification of impact resistant gloves. Use a 2.5 - kg weight to impact the test glove with 5 J of energy. Test each glove's fingers 10 times and knuckles 8 times (both hands), totaling 18 impacts. A dynamometer connected to the anvil records the force transmitted through the glove back, in kN.

ANSI / ISEA 138 - 2019	ANSI/ISEA 138-2019 1	ANSI/ISEA 138-2019 2	ANSI/ISEA 138-2019 3
Average Transfmited Force	≤ 9 kN	≤ 6.5 kN	≤ 4 kN

The less force transmitted through the glove the stronger the protection. Level 3 offers you the most protection. Level 1offers the least protection.

EUROPEAN STANDARDS

EN388



X X X X X X

The gloves are labelled with a pictogram and the performance levels. The performance levels are defined by four numbers and two letters.
These markings refer to the following parameters:
* Abrasion resistance (0-4)
* Cut resistance (0-5)
* Tear propagation force (0-4)
* Puncture resistance (0-4)
* Cut resistance according to EN ISO 13997 (A-F)
* When testing for protection against impact, the letter 'P' is also specified.

The following example illustrates the labelling using graphic symbols and power levels:

EN388

4 X 4 3 F P

- P: Protection against impact, 'P' = Pass, 'F' = Fail, no letter = not applicable
- F: Cut resistance according to EN ISO 13997 (level A-F)
- 3: Puncture resistance (level 0-4)
- 4: Tear propagation force (level 0-4)
- X: Cut resistance (level 0-5)
- 4: Abrasion resistance (level 0-4)

EN407

X X X X X X

EN407

X X X X X X

Performance levels

The pictogram is followed by six numbers that represent the results of the test for defined loads in performance levels. They stand for:

* limited flame resistant (0-4)
* contact heat (0-4)
* convective heat (0-4)
* radiant heat (0-4)
* small splashes of molten metal (0-4)
* large quantities of molten metal (0-4)

The higher the numerical value, the better the test result.

If a performance level (at least 1) is achieved for limited flame training, the following pictogram is provided:

EN407

If no performance level for limited flame training is specified (non-flame-resistant protective gloves), the following pictogram must be used instead:

EN407

This means that only one of the two pictograms may appear on a product at any one time.
Below you will find two examples of the labelling of protective gloves against thermal hazards

EN407

4 1 4 3 2 1

EN407

X 1 4 3 2 1

- 1 — Large quantities of molten metal (0-4)
- 2 — Small splashes of molten metal (0-4)
- 3 — Radiant heat (0-4)
- 4 — Convective heat (0-4)
- 1 — Contact heat (0-4)
- 4 — Limited flame resistant (0-4)

EN511

X X X

The pictogram is followed by three numbers that represent the results of the test for defined loads in performance levels. They stand for:

* convective cold (0-4)
* contact cold (0-4)
* water proof (0-1)

Below you will find an example of labelling with an explanation of the performance levels:

EN511

1 2 1

- 1 — ‘1’ = waterproof (’0’ = not waterproof)
- 2 — contact cold level 2
- 1 — convective cold level 1

NOTES

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