EXCLUSIVELY DISTRIBUTED IN CANADA BY DENTEC.

DENTEC® SAFETY SPECIALISTS
SPECIALIZING IN SAFETY SOLUTIONS

GUIDE ENVI™

A sustainable glove with extreme dexterity and fingertip sensitivity. Free from DMF-a chemicals, with contact heat and touchscreen compatibility.

The **GUIDE ENVI™** collection features reliable work gloves for demanding users, as they are made with responsible manufacturing methods, focusing on sustainability through the use of carefully sourced materials. These gloves are designed to offer excellent protection and ergonomic comfort, while also reducing energy use in production.

GUIDE ENVI™ 3304 THIN WORK GLOVE, the sustainable work glove designed for those who care about both protection and the planet. These gloves are manufactured using less energy, where the 15-gauge glycose/glycerol liner, reduces CO2 emissions by 63% compared to standard nylon gloves. This ensures a lighter environmental footprint while providing exceptional moisture management.

SUITABLE FOR: Perfect for industries like Building, Construction & Road, Automotive & Transportation, Logistics & Retail, Machinery & Equipment, and Utilities & Services. These gloves are versatile and built for heavy-duty tasks.

PROTECTION AGAINST: Designed to protect against abrasions, scratches, and blisters.

PROTECTIVE FEATURES: With contact heat protection level 1 (100°C, EN 407), these gloves offer reliable defense in hot environments, all while maintaining dexterity and flexibility.

ERGONOMIC FEATURES: The gloves provide a tight fit for optimal control, excellent moisture management, and a ventilating design to keep your hands cool. They are Sanitized for added hygiene, feature a knitted cuff for a secure fit, and are touchscreen compatible so you can stay connected on the job. Plus, they offer outstanding dry, wet, and oily grip, making them versatile for various working conditions.

QUALITY FEATURES: GUIDE ENVI™ gloves are natural latex-free, DMF-free, and produced with a low-energy consumption process. They are REACH compliant and Oeko-Tex certified, reflecting their sustainability and they are the most skin friendly alternative available today.

Choose **GUIDE ENVI™** gloves for superior performance, sustainability, and protection in one reliable package. Whether you're working in construction, automotive, or logistics, these gloves ensure your hands—and the planet—are well taken care of.

GUIDE 3304

Excellent dexterity. Thin, flexible work glove – part of our ENVI sustainable products series. ENVI gloves are manufactured using less energy. They are also DMF, butadiene and silicon-free.

- 15 Gauge Glycose/Glycerol liner - Sustainable
- 63% less CO2 emissions compared to standard nylon
- Oeko-Tex approved
- Latex free
- Sanitized
- Touchscreen
- Contact heat level 1 - (100°C, EN 407).
- Size 5-12
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon, Glycerol, Glycose
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 8

Part Number/Size	
10H3304-5/3XS	10H3304-9/M
10H3304-6/2XS	10H3304-10/L
10H3304-7/XS	10H3304-11/XL
10H3304-8/S	10H3304-12/2XL

CE CAT. 2 · EN 420:2003 +A1:2009 · EN 388:2016 4121X · EN 407:2004 X1XXXX · OEKO TEX · STANDARD 100 · REACH

GUIDE 520

Excellent dexterity. Thin, airy nylon work glove. PU-dipped palm for good grip and durability.

- Multipurpose assembly glove
- Polyurethane (PU)
- Airy
- Sizes 6-11
- Gauge13
- REACH compliant

- Outerside Rawmaterial
  Polyurethane (PU), Palm dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 7

Part Number/Size	
10H520-6/2XS	10H520-9/M
10H520-7/XS	10H520-10/L
10H520-8/S	10H520-11/XL

CE CAT. 2 EN 420:2003 EN 388:2016 3131X

GUIDE 526

Excellent dexterity. Airy and cool polyester work glove. PU-dipped palm for good grip and durability.

- Multipurpose assembly glove
- Polyurethane (PU)
- Airy
- Sizes 6-11
- Gauge13
- REACH compliant

- Outerside Rawmaterial
  Polyurethane (PU), Palm dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Polyester, Elasthane
- Ergonomic features
  Regular fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 7

Part Number/Size	
10H526-6/2XS	10H526-9/M
10H526-7/XS	10H526-10/L
10H526-8/S	10H526-11/XL

CE CAT. 2 EN 420:2003 EN 388:2016 3131X

GUIDE 580

Part Number/Size	
10H580-5/3XS	10H580-9/M
10H580-6/2XS	10H580-10/L
10H580-7/XS	10H580-11/XL
10H580-8/S	10H580-12/2XL

Excellent dexterity. Thin work glove in nitrile microfoam for very good dry grip and a moisture barrier.

- Oeko-Tex approved
- Nitrile microfoam
- Dermatologically tested
- Contact heat level 2 - (250°C, EN 407).
- Sizes 5-12
- Touchscreen
- Gauge15
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 6

CE CAT. 2 | EN 420:2003 | EN 388:2016 4131X | EN 407:2004 X2XXXX | OEKO TEX® STANDARD 100 | REACH

GUIDE 582

Part Number/Size	
10H582-6/2XS	10H582-9/M
10H582-7/XS	10H582-10/L
10H582-8/S	10H582-11/XL

Excellent dexterity. Thin work glove with nitrile microfoam for very good dry grip and a moisture barrier. With nitrile-dotted palm for especially good grip.

- Oeko-Tex approved
- Nitrile microfoam with dots
- Contact heat level 2 - (250°C, EN 407).
- Dermatologically tested
- Sizes 6-11
- Touchscreen
- Gauge15
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed, Dotted
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 6

CE CAT. 2 | EN 420:2003 | EN 388:2016 4131X | EN 407:2004 X2XXXX | OEKO TEX® STANDARD 100 | REACH

GUIDE 577

Part Number/Size	
10H577-6/2XS	10H577-10/L
10H577-7/XS	10H577-11/XL
10H577-8/S	10H577-12/2XL
10H577-9/M	

Excellent dexterity. Thin work glove in nitrile microfoam for very good dry grip and a moisture barrier.

- Oeko-Tex approved
- Nitrile microfoam
- Contact heat level 1 - (100°C, EN 407).
- Sizes 6-12
- Gauge15
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 5

DEXTERITY 7

CE CAT. 2 | EN 420:2003 | EN 388:2016 4131X | EN 407:2004 X1XXXX | OEKO TEX® STANDARD 100 | REACH

XLNT

NO SLIP, ALL GRIP

In environments characterized by high levels of oil and moisture, the XLNT range stands out. Through the application of a unique dipping technique, it delivers unparalleled grip and durability in oily and wet conditions, setting a new standard for performance and protection.

GUIDE 9508

Part Number/Size	
10H9508-6/2XS	10H9508-9/M
10H9508-7/XS	10H9508-10/L
10H9508-8/S	10H9508-11/XL

Very thin, flexible work glove with Guide XLNT™ nitrile coating, providing both a barrier against oil and excellent grip in both dry and oily environments. Touchscreen compatible.

- 18 Gauge cut protection level D - (ISO 13997).
- High dexterity & fingertip sensitivity
- Superb oil grip performance
- Superb barrier against oils and liquids
- Double dipped & fully coated
- Contact heat level 1 - (100°C, EN 407).
- Food approved
- Oeko-Tex approved
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Fully dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Polyester, Glass fibres, Steel fibres, Elasthane, HPPE, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A4	4

DURABILITY 7

DEXTERITY 6

CE CAT. 2 | EN 388:2016 4X44D | EN 407:2004 X1XXXX | EN 21420:2020 | OEKO TEX STANDARD 100 | REACH

GUIDE 9501

Part Number/Size	
10H9501-5/3XS	10H9501-9/M
10H9501-6/2XS	10H9501-10/L
10H9501-7/XS	10H9501-11/XL
10H9501-8/S	

Thin, flexible work glove with Guide XLNT™ nitrile coating, providing both a barrier against oil and excellent grip in both dry and oily environments. Single-dipped inner hand and breathable upper.

- Super tight fit & high fingertip sensitivity
- Superb oil grip performance
- Contact heat level 1- (100°C, EN 407).
- Food approved
- Oeko-Tex approved
- Touchscreen
- Gauge15
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip

MEETS ANSI/ISEA 105-2016
CUT - PUNCTURE 1

DURABILITY 6
DEXTERITY 7

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4121X | EN 407:2004 X1XXXX | OEKO TEX STANDARD 100 | REACH

GUIDE 9502

Part Number/Size	
10H9502-6/2XS	10H9502-9/M
10H9502-7/XS	10H9502-10/L
10H9502-8/S	10H9502-11/XL

Very thin, flexible work glove with Guide XLNT™ nitrile coating.

- High dexterity & fingertip sensitivity
- Superb oil grip performance
- Superb barrier against oils and liquids
- Double dipped palm, breathable upper
- Contact heat level 1- (100°C, EN 407).
- Food approved
- Oeko-Tex approved
- Touchscreen
- Gauge18
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Smooth finish, Double coating
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip, Good greasy grip

MEETS ANSI/ISEA 105-2016
CUT - PUNCTURE 1

DURABILITY 6
DEXTERITY 6

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4121X | EN 407:2004 X1XXXX | OEKO TEX STANDARD 100 | REACH

GUIDE 9503

Part Number/Size	
10H9503-6/2XS	0H9503-9/M
10H9503-7/XS	10H9503-10/L
10H9503-8/S	10H9503-11/XL

Very thin, flexible work glove with Guide XLNT™ nitrile coating.

- High dexterity & fingertip sensitivity
- Superb oil grip performance
- Superb barrier against oils and liquids
- Double dipped and knuckle coated
- Contact heat level 1- (100°C, EN 407).
- Food approved
- Oeko-Tex approved
- Touchscreen
- Gauge18
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Knuckle dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip, Good greasy grip

MEETS ANSI/ISEA 105-2016
CUT - PUNCTURE 1

DURABILITY 6
DEXTERITY 6

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4121X | EN 407:2004 X1XXXX | OEKO TEX STANDARD 100 | REACH

CUTTING EDGE PROTECTION

When confronted with tasks involving sharp edges and cutting risks, the HXFIBR rises as a definitive line of defense. Crafted using advanced materials, it offers superior cut resistance, all while ensuring optimal dexterity and comfort.

GUIDE 6602

Part Number/Size	
10H9508-6/2XS	10H9508-10/L
10H9508-7/XS	10H9508-11/XL
10H9508-8/S	10H9508-12/2XL
10H9508-9/M	

Flexible, tight-fitting work glove manufactured in Guide HXFIBR™, a material that provides groundbreaking cut protection and excellent tactile sensitivity. The glove's PU coating provides good grip. 18 gg liner and additional reinforcement along thumb and forefinger.

- Cut protection level C - (ISO 13997).
- 18 gauge HXFIBR™ filament
- Contact heat level 1- (100°C, EN 407).
- Extended thumb crotch reinforcement
- Touchscreen
- Glass fibre free
- Anti-static
- ESD approved
- REACH compliant
- Outerside Rawmaterial
  Polyurethane (PU), Palm dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, HXFIBR™, Polyester, Steel fibres, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4X41C | EN 407:2004 X1XXXX | SS IEC 61340-5-1

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A3	1

DURABILITY 7

DEXTERITY 8

GUIDE 6603

Flexible, tight-fitting work glove manufactured in Guide HXFIBR™, a material that provides groundbreaking cut protection and excellent tactile sensitivity. The glove's nitrile coating provides good grip. 15 gg liner and additional reinforcement along thumb and forefinger. Oeko-Tex approved.

- Cut protection level D - (ISO 13997).
- 15 gauge HXFIBR™ filament
- Contact heat level 1 - (100°C, EN 407).
- Extended thumb crotch reinforcement
- DMF (Dimethylformamide) free
- Glass fiber free
- Touchscreen
- Food approved
- Tight fit
- ESD approved
- REACH compliant

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A4	3

DURABILITY 7

DEXTERITY 7

Part Number/Size	
10H6603-6/2XS	10H6603-9/M
10H6603-7/XS	10H6603-10/L
10H6603-8/S	10H6603-11/XL

- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, HXFiBr™, Steel fibres, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4X43D | EN 407:2004 X1XXXX | SS IEC 61340-5-1 | STANDARD 100

GUIDE 6604

Flexible, tight-fitting work glove manufactured in Guide HXFIBR™, a material that provides groundbreaking cut protection and excellent tactile sensitivity. The glove's nitrile coating provides good grip. 18 gg liner and additional reinforcement along thumb and forefinger. Anti-static and Oeko-Tex approved.

- Cut protection level C - (ISO 13997).
- 18 gauge HXFIBR™ filament
- Contact heat level 1 - (100°C, EN 407).
- Extended thumb crotch reinforcement
- DMF (Dimethylformamide) free
- Glass fiber free
- Anti-static
- Touchscreen
- Food approved
- Tight fit
- ESD approved
- REACH compliant

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A3	1

DURABILITY 7

DEXTERITY 8

Part Number/Size	
10H6604-6/2XS	10H6604-9/M
10H6604-7/XS	10H6604-10/L
10H6604-8/S	10H6604-11/XL

- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, HXFiBr™, Steel fibres, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4141C | EN 407:2004 X1XXXX | SS IEC 61340-5-1 | EN 16350:2014 | STANDARD 100

GUIDE 6605

Part Number/Size	
10H6605-6/2XS	10H6605-9/M
10H6605-7/XS	10H6605-10/L
10H6605-8/S	10H6605-11/XL

Flexible, tight-fitting work glove manufactured in Guide HXFIBR™, a material that provides groundbreaking cut protection and excellent tactile sensitivity. The glove's nitrile coating provides good grip. 13 gg liner and additional reinforcement along thumb and forefinger. Oeko-Tex approved.

- Cut protection level F - (ISO 13997).
- 13 gauge HXFIBR™ filament
- Contact heat level 1 - (100°C, EN 407).
- Extended thumb crotch reinforcement
- Touchscreen
- Food approved
- Tight fit
- ESD approved
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, HXFiBr™, Steel fibres, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS ANSI/ISEA 105-2016
CUT A6 PUNCTURE 3

DURABILITY 8
DEXTERITY 6

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4X43F | EN 407:2004 X1XXXX | SS IEC 61340-5-1 | OEKO TEX STANDARD 100 | REACH

GUIDE 313

Part Number/Size	
10H313-6/2XS	10H313-10/L
10H313-7/XS	10H313-11/XL
10H313-8/S	10H313-12/2XL
10H313-9/M	

Durable and supple cut protection glove. Knitted in breathable material. Reinforced protection between thumb and index finger.

- Cut protection level D - (ISO 13997).
- Contact heat level 1 - (100°C, EN 407).
- Touchscreen
- Thumb crotch reinforcement
- Sizes 6-12
- Oeko-Tex approved
- Gauge13
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, Glass fibres, Steel fibres, Elasthane, HPPE
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip

MEETS ANSI/ISEA 105-2016
CUT A4 PUNCTURE 2

DURABILITY 7
DEXTERITY 6

CE CAT. 2 | EN 420:2003 | EN 388:2016 4X42D | EN 407:2004 X1XXXX | OEKO TEX STANDARD 100 | REACH

GUIDE 395

Part Number/Size	
10H395-5/3XS	10H395-9/M
10H395-6/2XS	10H395-10/L
10H395-7/XS	10H395-11/XL
10H395-8/S	

Cut protection glove with PU dipped palm, good grip and fingertip sensitivity. For multipurpose use.

- Cut protection level B - (ISO 13997).
- Polyurethane (PU) palm dipped
- Good grip and fingertip sensitivity
- Sizes 5-11
- Oeko-Tex certified
- Gauge13
- REACH compliant
- Outerside Rawmaterial
  Polyurethane (PU), Palm dipped, Smooth finish
- Innerside Rawmaterial
  Single knitted, Elasthane, HPPE, Nylon
- Ergonomic features
  Tight fit, Ventilating, Rolled knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS ANSI/ISEA 105-2016
CUT A2 PUNCTURE 2

DURABILITY 6
DEXTERITY 6

CE CAT. 2 | EN 420:2003 | EN 388:2016 4X42B | REACH

WELD & HEAT

BEAT THE HEAT

GUIDE 225

Part Number/Size	
10H225-8/S	10H225-10/L
10H225-9/M	10H225-11/XL

Ultra-thin, unlined and slightly simpler welding glove. Palm and back in supple, durable full-grain goatskin with cow split leather cuff, which makes it suitable only for TIG welding. All seams are sewn using heat-resistant Kevlar thread. NOTE! Suitable for TIG welding only.

- Contact heat level 1 - (100°C, EN 407).
- Unlined
- Goat grain leather
- Kevlar seams
- Cuff
- Sizes 8-11
- REACH compliant
- Outerside Rawmaterial
  Goat grain leather, synthetic leather
- Innerside Rawmaterial
  Unlined
- Ergonomic features
  Tight fit, Elastic at wrist, Long safety cuff

CE CAT. 2 | EN 420:2003 | EN 388:2016 2111X | EN 407:2004 413X4X | EN 12477:2001 TYPE B | REACH

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 5

DEXTERITY 5

GUIDE 1230

Part Number/Size	
10H1230-8/S	10H1230-11/XL
10H1230-9/M	10H1230-12/2XL
10H1230-10/L	

A thin welding glove is suitable for TIG welding. The cuff is cow split leather with a thin cotton scrim inside and all seams made of heat resistant kevlar. The glove has finger side walls that gives you best possible dexterity and comfortable feeling. Fullfil EN12477 Type B

- Thin - high level of dexterity
- Goat grain leather
- Unlined
- Kevlar seams
- Contact heat level 1 - (100°C, EN 407).
- Protection againts sparks and motlten metal splashes - (EN 407).
- Sizes 8-12
- REACH compliant
- Outerside Rawmaterial
  Goat grain leather, Cow split leather
- Innerside Rawmaterial
  Unlined
- Ergonomic features
  Tight fit, Safety cuff, Elastic at wrist

CE CAT. 2 | EN 388:2016 2111X | EN 407:2004 411X4X | EN 12477:2001 TYPE B | REACH

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY -5

DEXTERITY -7

GUIDE 1201

High-quality, longer-cut welding glove with a water and oil-repellent coating. The glove has a full cotton lining and all seams are of heat-resistant Kevlar thread. Suitable for MIG-MAG welding tasks.

- Fully lined
- Cow Split leather
- Contact heat level 1 - (100°C, EN 407).
- Cuff
- Sizes 10, 11
- REACH compliant
- Outerside Rawmaterial
  Cow split leather
- Innerside Rawmaterial
  Cotton, fully lined
- Ergonomic features
  Wide fit, Safety cuff

CE CAT. 2 | EN 420:2003 | EN 388:2016 2132X | EN 407:2004 413X4X | EN 12477:2001 TYPE A | REACH

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	2

DURABILITY 7

DEXTERITY 3

Part Number/Size	
10H1201-10/L	10H1201-11/XL

GUIDE 3569

Welding glove is suitable for tasks in hot environments, contact heat for up to 100 degrees, suitable for MIG and MAG welding.
Seams of heat-resistant Kevlar thread.

- Fully lined
- Cow split leather
- Contact heat level 1 - (100°C, EN 407).
- Long cuff
- Sizes 8-12
- REACH compliant
- Outerside Rawmaterial
  Cow split leather
- Innerside Rawmaterial
  Cotton, Fully lined
- Ergonomic features
  Regular fit, Long safety cuff

CE CAT. 2 | EN 420:2003 +A1:2009 | EN 388:2016 4143X | EN 407:2004 41324X | EN 12477:2001 TYPE A | REACH

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	3

DURABILITY 7

DEXTERITY 3

Part Number/Size	
10H3569-8/S	10H3569-11/XL
10H3569-9/M	10H3569-12/2XL
10H3569-10/L	

GUIDE 3570

Welding/heat glove has a long cuff, reinforcement in palm and cotton lining. Suitable for tasks in hot environments, suitable for MIG and MAG welding. Seams of heat-resistant Kevlar thread.

- Fully lined
- Cow split leather
- Reinforcement in palm
- Kevlar seams
- Contact heat protection level 3 - (350°C, EN 407).
- Protection againts sparks and molten metal splashes - (EN 407).
- Long cuff
- Sizes 8- 12
- REACH compliant
- Outerside Rawmaterial
  Cow split leather
- Innerside Rawmaterial
  Fully lined
- Ergonomic features
  Wide fit, Long safety cuff

CE CAT. 3 | EN 388:2016 4244X | EN 12477:2001 TYPE A | EN 407:2020 4134244 | REACH

MEETS ANSI/ISEA 105-2016

CUT	PUNCTURE
-	4

DURABILITY 8

DEXTERITY 2

Part Number/Size	
10H3570-8/S	10H3570-11/XL
10H3570-9/M	10H3570-12/2XL
10H3570-10/L	

GUIDE 7506

Part Number/Size	
10H7506-6/2XS	10H7506-10/L
10H7506-7/XS	10H7506-11/XL
10H7506-8/S	10H7506-12/2XL
10H7506-9/M	

Seamless, flexible work glove designed for tough working environments. Inner hand coating of bi-polymer makes the glove suitable for heat exposed working environments. Approved for contact heat level 1. Cut protection level D. Certified according to ATPV level 2 CAL 10,3.

- Arc flash protection ATPV level 2 CAL 10,3.
- Cut protection level D - (ISO 13997).
- Contact heat level 1 - (100°C, EN 407).
- Protection againts sparks - (EN 407).
- 13 gauge Meta & Para aramid liner
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Chloroprene, Palm dipped, Smooth finish
- Innerside Rawmaterial
  Unlined, Single knitted, Glass fibres, Para-Aramid, Meta-Aramid, Elasthane, Nylon
- Ergonomic features
  Regular fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A4	3

DURABILITY 7

DEXTERITY 5

CE CAT. 3 | EN 388:2016 4X43D | EN 407:2004 41220X | ARC/ASTM F2675 | REACH

GUIDE 290W

Part Number/Size	
10H290W-7/XS	10H290W-10/L
10H290W-8/S	10H290W-11/XL
10H290W-9/M	10H290W-12/2XL

Winter lined, fully dipped with double-dipped palm in latex. A supple glove that retains its flexibility even in cold temperatures. Insulating acrylic lining. Cut protection level D. Approved for contact heat level 1. Touchscreen. Food approved.

- Full Hand Protection
- Cut protection level D - (ISO 13997).
- Cold contact protection - (EN 511).
- Cold wind protection - (EN 511).
- Cold water immersion protection - (EN 511).
- Contact heat protection level 1 - (100°C, EN 407).
- Touchscreen
- Gauge 13
- REACH compliant
- Oeko-Tex Confidence in textiles
- Outerside Rawmaterial
  Latex, Palm dipped, Fully dipped
- Innerside Rawmaterial
  Fully lined, Double knitted, Polyester, Glass fibres, HPPE
- Ergonomic features
  Regular fit, Warm lined, Wind proof, Water proof, Knitted Cuff, Good dry grip, Good wet grip, Good icy grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
A4	3

DURABILITY 4

DEXTERITY 5

CE CAT.2 | EN 388:2016 3X43D | EN 511:2006 221 | EN 407:2020 X1XXXX | OEKO-TEX STANDARD 100 | REACH

ESD

AVOID THE SMALL SPARK THAT CAUSES BIG PROBLEMS

These gloves are designed to combat electrostatic discharge (ESD), using conductive materials that effectively prevent static damage. This makes our ESD gloves essential for safely handling delicate electronics like circuit boards and hard drives. Lightweight and flexible, they also allow for easy and accurate precision when working with intricate parts. This design ensures the perfect balance of safety and dexterity.

GUIDE 578

Thin work glove with very good fingertip sensitivity. Made from knitted nylon and carbon fibre, eliminating the risk of generating static electricity, which can damage modern technology. Nitrile microfoam for very good dry grip and a moisture barrier. Contact heat level 1. Oeko-Tex approved. Touchscreen compatible. Antistatic.

- ESD approved
- Touchscreen
- Contact heat level 1 - (100°C, EN 407).
- Nitrile microfoam
- Sizes 6-11
- Oeko-tex approved
- Antistatic
- Gauge18
- REACH compliant
- Outerside Rawmaterial
  Nitrile, Palm dipped, Micro foamed
- Innerside Rawmaterial
  Single knitted, Carbon fibres, Elasthane, Nylon
- Ergonomic features
  Tight fit, Ventilating, Knitted Cuff, Good dry grip, Good wet grip, Good oily grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 8

Part Number/Size	
10H578-6/2XS	10H578-9/M
10H578-7/XS	10H578-10/L
10H578-8/S	10H578-11/XL

CE CAT. 2 · EN 420:2003 · EN 388:2016 3121X · EN 407:2004 X1XXXX · SS IEC 61340-5-1 · EN 16350:2014 · OEKO TEX · STANDARD 100 · REACH

GUIDE 8010

Antivibration glove with excellent grip, tactility and tight fit. Equipped with GUIDE VIBRO™, a foam-based material that offers excellent protection against vibrations. Innerhand and fingertips reinforced with synthetic leather for additional protection against wear and tear. The cuff is easily adjusted with a Velcro fastener. Certified in accordance with EN10819:2013/A1:2019.

- EN10819:2013/A1:2019 - TRM: 0,70 TRH: 0,57
- 6 mm anti-vibration foam
- Preshaped form that respects the fold of the thumb
- Guide GTX synthetic leather
- Velcro cuff
- Organic Silicon free
- Natural latex free
- REACH compliant

- Outerside Rawmaterial
  Elasthane, Nylon, Guide GTX-synthetic leather,
- Innerside Rawmaterial
  Elasthane, Nylon, Half lined
- Ergonomic features
  Tight fit, Ventilating, Velcro adjuster, Good dry grip, Good wet grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	2

DURABILITY 5

DEXTERITY 4

Part Number/Size	
10H8010-7/XS	10H8010-10/L
10H8010-8/S	10H8010-11/XL
10H8010-9M	10H8010-12/2XL

CE CAT. 2 | EN10819:2013/A1:2019 TRM: 0,70 TRH: 0,57 | EN 420:2003 +A1:2009 | EN 388:2016 2112X | REACH

GUIDE 8015

Thin and comfortable shock absorbing glove with damping Poron material in the innerhand and underside of the glove. The gloves' pre-shaped fit and stretchy back ensures breathability and flexibility. The cuff is easily adjusted with a Velcro fastener.

- Shock absorber glove
- Guide GTX synthetic leather
- Tight preshaped fit
- Velcro adjuster
- Unlined
- Sizes 7-11
- Palm padding
- Palm reinforcement
- REACH compliant

- Outerside Rawmaterial
  Damping foam, Elasthane, Nylon, Synthetic leather
- Innerside Rawmaterial
  Unlined
- Ergonomic features
  Tight fit, Preshaped, Velcro adjuster, Good dry grip

MEETS
ANSI/ISEA 105-2016

CUT	PUNCTURE
-	1

DURABILITY 6

DEXTERITY 7

Part Number/Size	
10H8015-7/XS	10H8015-10/L
10H8015-8/S	10H8015-11/XL
10H8015-9M	

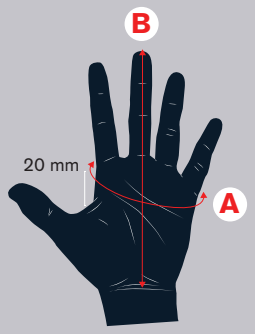
CE CAT. 2 | EN 388:2016 1011X | EN 21420:2020 | REACH

SIZE AND MEASUREMENTS OF HANDS

SS-EN ISO 21420:2020

A properly fitted work glove is essential to performing procedures correctly. Gloves that have the correct size will provide the highest level of comfort and dexterity while also protecting the hands. The size guide will help you to find the right size of your glove.

SIZES OF HANDS



Hand size	A Hand circumference, mm	B Hand length, mm
5 (3XS)	101	< 160
6 (2XS)	126	< 160
7 (XS)	152	160
8 (S)	178	171
9 (M)	203	182
10 (L)	229	192
11 (XL)	254	204
12 (2XL)	279	215
13 (3XL)	304	>215

A. The circumference of the hand is measured with a tape, 20 mm from the crotch between thumb and index finger.

B. To determine hand length, measure from the bottom edge of palm to the tip of your middle finger.

CE-CATEGORIES

CE CAT. 1

CE CAT. 2

CE CAT. 3

CATEGORY 1

Gloves in this category are intended to provide protection against low-risk situations, that might occur during, for example, the washing of clothes or dishes, but also from hot objects with temperatures up to +50°C. Also suitable for light gardening and other work where there is a risk of minor injury.

CATEGORY 2

Gloves in this category are intended to protect the user from medium-severity injuries. The gloves must be marked with a pictogram showing the gloves' protection properties, and they have been tested according to the standard EN388 (mechanical protection) at an accredited test institute. All category 2 gloves are validated and type-certified by a notified body to show the validity of protection.

CATEGORY 3

Gloves in this category provide protection against risks that may cause very serious consequences such as death or irreversible damage to health. The gloves must be marked with pictograms showing the gloves' protection properties, and they must have been tested at an accredited test institute. They must also have been validated and certified, for both type and production control, by a notified body to show the validity of protection. Category 3 gloves include all chemical protection gloves, but heat protection gloves can also be classified in this category.

EN 420:2003 + A1:2009

PROTECTIVE GLOVES – GENERAL REQUIREMENTS AND TEST METHODS

EN 420:2003 +A1:2009

This standard defines the general requirements that apply to all protective gloves, and also sets requirements for glove-marking.

- The glove itself shall not constitute a risk to, or cause injuries to, the user.
- The glove material shall have a pH value between 3.5 and 9.5.
- The chromium VI level in the glove leather must stay at 2.9 mg/kg or below.
- If the glove contains any substances known to cause allergic reactions, this must be stated in the product information.
- The glove sizes are standardized according to minimum length.

There are no pictograms for EN 420:2003 + A1:2009.

EN ISO 21420:2020

PROTECTIVE GLOVES – GENERAL REQUIREMENTS AND TEST METHODS

EN ISO 21420:2020

EN ISO 21420:2020 Protective gloves – General requirements and testmethods is the new general requirements standard for protective gloves and will be used instead of EN420 for newly developed GUIDE gloves from Autumn 2020 and onwards.

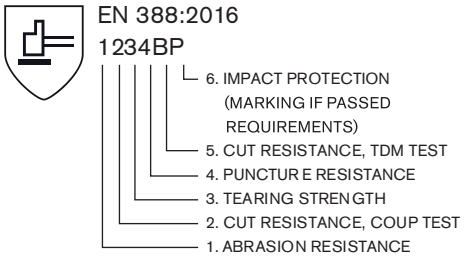
Some of the key requirements listed under this standard are glove design and construction, chemical innocuousness, sizing, dexterity and information supplied by the manufacturer. Chemical innocuousness is considered to ensure that protective gloves do not adversely affect the health or hygiene of the wearer. The materials present in the gloves must not, under foreseeable conditions of normal use, release substances generally known to be toxic, toxic to reproduction, carcinogenic, mutagenic, allergenic, corrosive, sensitising or irritating. Requirements include:

- Azo colorants - applicable for all dyed leather and textiles
- Chrome VI - applicable for leather
- Nickel release - applicable for metallic components
- DMF - applicable for PU (Polyurethane) gloves and materials
- PAH - for plastic and rubber gloves and materials with skin contact
- pH value - all materials and all gloves

If electrostatic properties are claimed for protective gloves intended to be worn in areas that present explosive or flammable risks, they must be tested in accordance with EN 16530:2014. There will be gloves in GUIDE's assortment relating to both the old and the new version.

EN 388:2016

GLOVES THAT PROVIDE PROTECTION AGAINST MECHANICAL RISKS



EN 388:2003

This is the old version of the standard for mechanical risks. The differences compared to the 2016 version are the paper grid in the abrasion test and how to perform testing of cut resistant fibers. Neither is the older version applicable for the testing of impact protection. There are still many protective gloves on the market labeled according to the old version of this standard. These are as good to use as the newly labeled gloves. It is important to understand that it is not the gloves' performance that has changed, it is the way of testing the performance that has changed!

According to this standard, characteristics such as abrasion resistance, cutresistance, tearing strength, puncture resistance and impact protection are tested. In conjunction with the pictogram, four numbers and one or two letters will be displayed. These signs indicate the performance of the glove.

1. ABRASION RESISTANCE

The material is subjected to abrasion by sandpaper under a predetermined pressure. The protection level is indicated on a scale of 1 to 4 depending on the number of turns required until a hole appears in the material. The higher the number, the better the resistance to abrasion.

2. CUT RESISTANCE, COUP TEST

A knife is run across the glove material until it cuts through. The protection level is given by a number between 1 and 5, where 5 indicates the highest cut protection. If the material dulls the knife during this test, the cut test ISO 13997 (TDM test) shall be performed instead, see point 5.

3. TEARING STRENGTH

The force required to tear the glove material apart is measured. The protection level is indicated by a number between 1 and 4, where 4 indicates the strongest material.

4. PUNCTURE RESISTANCE

Based on the amount of force required to puncture the material with a pointed object. The protection function is indicated by a number between 1 and 4, where 4 indicates the strongest material.

5. CUT RESISTANCE, TDM TEST ISO 13997

If the knife becomes dulled during the coup test, see point 2, this test shall be performed instead. The result is given by a letter, A to F, where F indicates the highest level of protection. If any of these letters is given, this method determines the protection level instead of the coup test.

ISO 13997:1999 – DETERMINATION OF RESISTANCE TO CUTTING BY SHARP OBJECTS

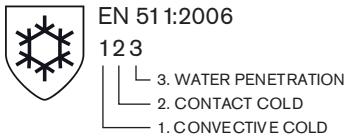
An alternative cut test recommended for cut protection gloves. Shall be used in EN388:2016 for cut protection gloves where the cut material dulls the cutting knife during testing. A knife cuts with constant speed but increasing force until it breaks through the cut protection material. The level of protection is given in newtons, reflecting the force needed for cutting through the material at a length of 20mm.

6. IMPACT PROTECTION

If the glove has impact protection, this information is given by the letter P as the 6th and final character. If there is no P sign, no impact protection is claimed.

EN 511:2006

GLOVES THAT PROVIDE PROTECTION AGAINST COLD



EN ISO 21420:2020 Protective gloves – General requirements and testmethods is the new general requirements standard for protective gloves and will be used instead of EN420 for newly developed GUIDE gloves from Autumn 2020 and onwards.

1. PROTECTION AGAINST CONVECTIVE COLD

Performance level 0-4.

2. PROTECTION AGAINST CONTACT COLD

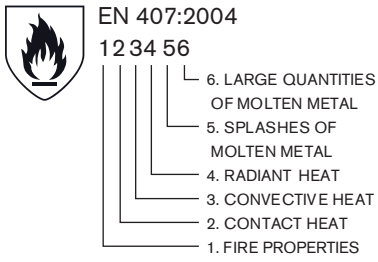
Performance level 0-4.

3. PROTECTION AGAINST WATER PENETRATION

Protection 0 or 1, where 0 indicates "water penetration after 30 minutes" and 1 indicates "no water penetration after 30 minutes".

EN 407:2004

GLOVES THAT PROVIDE PROTECTION AGAINST THERMAL RISKS (HEAT AND/OR FIRE)



This standard specifies requirements and test methods for gloves that shall provide protection against heat and/or fire. The numbers stated next to the pictogram indicate the glove's performance for each test in the standard. The higher the number, the better the performance level.

1. FIRE PROPERTIES OF THE MATERIAL

The ignition time and how long the material glows or burns after ignition is measured in this test. If the seam comes apart after an ignition time of 15 seconds, the glove has failed the test. Performance level 1-4.

2. CONTACT HEAT

The glove is exposed to temperatures between +100°C to and +500°C. The next measurement is the length of time it takes for the inner side of the glove to become 10°C warmer than it was from the beginning (about 25°C). The glove must withstand the increasing temperature of maximum 10°C for at least 15 seconds for an approval. Performance level 1-4.

3. CONVECTIVE HEAT

This measures how long it takes to increase the inside temperature of the glove by 24°C, using a gas flame (80kW/m2). Performance level 1-4

4. RADIANT HEAT

This measures the average time for heat permeation at 2.5 kW/m2. Performance level 1-4.

5. SMALL SPLASHES OF MOLTEN METAL

This test is based on the number of drops of molten metal that generates a temperature increase of 40°C between the glove material and the skin. Performance level 1-4.

6. LARGE QUANTITIES OF MOLTEN METAL

PVC film is attached to the back of the glove material. Molten iron is poured onto the material. The measurement indicates how many grams of molten iron are required to damage the PVC film. Performance level 1-4.

EN 407:2020

PROTECTIVE GLOVES AGAINST THERMAL RISKS (HEAT AND/ OR FIRE)

There are 2 pictograms with clear differences between flame resistance and non-flame resistance.

No claimed flame resistance

XBCDEFA

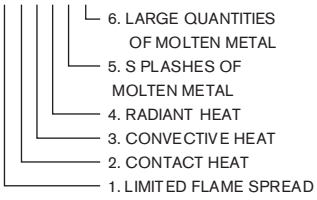
Claimed flame resistance

BCDEF

Both pictograms may not be used at the same time.

EN 407:2020

12 34 56



This standard specifies requirements and test methods for gloves that shall provide protection against heat and/or fire. The numbers stated next to the pictogram indicate the glove's performance for each test in the standard. The higher the number, the better the performance level.

1. LIMITED FLAME SPREAD

The ignition time and how long the material glows or burns after ignition is measured in this test. If the seam comes apart after an ignition time of 15 seconds, the glove has failed the test. Performance level 1-4.

2. CONTACT HEAT

The glove is exposed to temperatures between +100°C to and +500°C. The next measurement is the length of time it takes for the inner side of the glove to become 10°C warmer than it was from the beginning (about 25°C). The glove must withstand the increasing temperature of maximum 10°C for at least 15 seconds for an approval. Performance level 1-4.

3. CONVECTIVE HEAT

This measures how long it takes to increase the inside temperature of the glove by 24°C, using a gas flame (80kW/m2). Performance level 1-4.

4. RADIANT HEAT

This measures the average time for heat permeation at 2.5 kW/m2. Performance level 1-4.

5. SMALL SPLASHES OF MOLTEN METAL

This test is based on the number of drops of molten metal that generates a temperature increase of 40°C between the glove material and the skin. Performance level 1-4.

6. LARGE QUANTITIES OF MOLTEN METAL

PVC film is attached to the back of the glove material. Molten iron is poured onto the material. The measurement indicates how many grams of molten iron are required to damage the PVC film. Performance level 1-4.

	TEST	RESULTS ARE MEASURED IN:	PERFORMANCE LEVELS			
No			1	2	3	4
1	After-flame time	Seconds	≤ 15	≤ 10	≤ 3	≤ 2
1	After-glow time	Seconds	Infinte	≤ 120	≤ 25	≤ 5
2	Contact heat	Temperature °C for at least 15 seconds	100°	250°	350°	500°
3	Convective heat	Seconds	≤ 4	≤ 7	≤ 10	≤ 18
4	Radiant heat	Seconds	≤ 7	≤ 20	≤ 50	≤ 95
5	Small splashes of molten metal	Number of drops	≥ 10	≥ 15	≥ 25	≥ 35
6	Large quantities of molten metal	Grams	30	60	120	200

≥= equal to or greater than, ≤= equal to or less than

EN ISO 10819:2013

MECHANICAL VIBRATION AND SHOCK – HAND ARM VIBRATION – MEASUREMENT AND EVALUATION OF THE VIBRATION TRANSMISSIBILITY OF GLOVES AT THE PALM

EN ISO 10819:2013 / A1:2019
TRM: X TRH: Y

The standard is designed to measure the vibration transmissibility from a vibrating handle – through a glove – to the palm. The test is performed in one-third octave frequency bands, with center frequencies of 25Hz to 125Hz

To be described as an anti-vibration glove, the following criteria must be met:

- TRM value shall be less than or equal to ≤ 0.9 (total vibration transmission between 25 Hz-200Hz)
- TRH value shall be less or equal to ≤ 0.6 (total vibration transmission between 200 Hz-1.25kHz
- The thickness of the damping material in the palm shall not exceed a thickness of 8 mm. It must also cover the whole palm and the full length of the thumb and fingers.

These requirements indicate that the vibrations do not increase in the medium frequency range (TRM), and are reduced by at least 40% in the high frequency range (TRH).

Note that these gloves can reduce the health risks related to vibration exposure, such as white fingers, but they do not eliminate the risks. The gloves reduce the vibrations, but only in frequencies above 150Hz. The vibration dampening properties may also be affected by aging, moisture absorption, temperature and high contact pressure.

EN 12477:2001

PROTECTIVE GLOVES FOR WELDERS

EN 12477:2001
Typ A

EN 12477:2001
Typ B

This standard describes how gloves should be designed to provide hand and wrist protection in welding and similar work situations. Welding gloves shall be tested according to EN 388:2016. They must also provide protection against splashes of molten metal, short-term exposure to open flames, radiant heat, contact heat and mechanical protection according to EN 407:2004.

The gloves are also assessed according to its design and purpose:

- Type A refers to gloves with higher protection against heat but with lower flexibility and dexterity.
- Type B refers to gloves with lower protection against heat but with greater flexibility and dexterity.

ESD–IEC 61340-5-1:2016

PROTECTION OF ELECTRONIC DEVICES FROM ELECTRONIC PHENOMENA

SS IEC 61340-5-1

To protect electronic devices from electrostatic discharge, it is important to use gloves (and other equipment) adapted to the environment.

The material's vertical resistance between hand and electrode is tested and measured. The resistance shall be as low as possible so that electrical charges pass through the material insted of accumulating, resulting in the risk of sudden discharge. This could cause the destruction of nearby sensitive electronics. The resistance of the material shall be below 109Ω to be approved.

For full protection of electrical devices, ESD-labeled gloves shall be usedd with other ESD equipment, such as clothes, shoes, bracelets etc.

EN 16350:2014

PROTECTIVE GLOVES –
ELECTROSTATIC PROPERTIES

EN 16350:2014

In an ATEX zone (environment with an explosive atmosphere), a spark caused by the discharge of static electricity from an object could create an explosion. Therefore, working gloves need to be designed in order to not accumulate static electricity. This standard concerns requirements for gloves in ATEX zones.

The standard provides additional requirements for protective gloves that are worn in flammable or explosive areas. The vertical resistance (the resistance through a material) of the glove is measured using test standard EN 1149-2, and each measurement must be lower than the requirement of 1.0x108Ω.

Note that electrostatic dissipative protective gloves are effective only if the wearer is earthed with a resistance lower than 108Ω.

The glove wearer must therefore wear adequate clothing and shoes in order to be permanently earthed, so as to avoid the risk of discharging static electricity during movements.

EN 1149

PROTECTIVE CLOTHING –
ELECTROSTATIC PROPERTIES

EN 1149-5
ANTISTATIC

This standard has been designed for protective clothing, but is also used to test the electrostatic properties of protective gloves. Gloves that have been tested and fulfill the requirements of this standard have electrostatic dissipative properties.

Electrostatic properties can be tested in different ways:

- EN 1149-1 defines the test to measure surface resistivity (Ω)
- EN 1149-2 defines the test to measure vertical resistance (Ω). This method is used when testing vertical resistance in the glove standard EN 16350.
- EN 1149- 3 defines the test to measure the charge decay time (s)
- EN 1149-5 defines the requirements for a material to be described as being electrostatic dissipative (anti-static)

When using protective gloves with electrostatic properties, it is important to be properly earthed. Therefore, adequate clothing and shoes must be worn in addition to the gloves, in order to be permanently earthed so as not to be able to discharge static electricity during movement.

ANSI/ISEA 138-2019

IMPACT-RESISTANT GLOVES

ANSI/ISEA 138
LEVEL 1

ANSI/ISEA 138
LEVEL 2

ANSI/ISEA 138
LEVEL 3

This American standard defines the requirements for gloves that have been designed to protect the knuckles and fingers from impact forces. The impact resistance is classified as levels 1, 2 or 3, where level 1 equals the lowest level of performance and level 3 equals the highest level of performance.

The test is performed by dropping a falling weight on the impact areas of the glove, and recording the force transferred in kilonewtons (kN). The areas tested are the knuckles on the back of the hand, the fingers and the thumb.

The weakest performance area defines the overall performance level of the glove, and the protection level is stated in the glove marking.

ASTM F2675 / F2675M-19

DETERMINING ARC RATINGS OF HAND-PROTECTION PRODUCTS THAT ARE DEVELOPED AND USER FOD ELECTRICAL ARC FLASH PROTECTION

ARC/ASTM F2675

This test method determines the glove's level of protection against electric arc by measuring the amount of thermal energy transmitted through the gloves during and after exposure to electric arc.

The arc thermal performance value, ATPV cal/cm2, is the penetrating energy into the glove's material that results in a 50% probability of sufficient heat transfer through the glove to cause the onset of a second-degree skin burn.

The higher the ATPV value the glove achieves in testing, the higher the energy it protects against in the event of arc exposure. Note that these gloves can reduce the damage in case of exposure to electrical arc, but do not eliminate the risk of injury.

The glove's level of protection can be adversely affected after contact with, for example, gasoline, diesel fuel, transformer oil, sweat, dirt, grease or other contaminants. It is the user's responsibility to determine appropriate safety, health and environmental practices, and to determine the application of regulatory restrictions prior to use.

This standard has no pictogram at the time of writing, but the ATPV level is indicated on the inside label of the glove.

FOOD CONTACT

MATERIALS AND PRODUCTS INTENDED TO COME INTO CONTACT WITH FOOD

Materials that come into contact with food must not contaminate food with hazardous substances. The 1935/2004/EC regulation governs the requirements for traceability and identification throughout the production chain. The products must also be marked with the glass/fork symbol.

The gloves shall be manufactured in accordance with Commission Regulation (EC) 20023/2006 on Good Manufacturing Practice (GMP), which imposes requirements on the manufacturer's quality assurance system for articles intended to come into contact with food.

Protective gloves with the glass/fork symbol meet the above requirements and can be used in contact with food. What kind of food they are approved for is stated in the user instruction that accompanies the gloves.

ASTM F2878-10

PROTECTIVE CLOTHING MATERIAL RESISTANCE TO HYPODERMIC NEEDLE PUNCTURE

ASTM F2878-10

Occupational exposure to bloodborne pathogens caused by needle injuries is a concern for healthcare professionals, law enforcement officers and others. This standard is used to decide the force (newtons) that is required for a hypodermic needle to penetrate a protective material. The needle thickness is 25 gauge. The protection level is measured in newtons.

REACH

Reach (Registration, Evaluation, Authorisation, and Restriction of Chemicals) sets the benchmark for chemical safety, ensuring that all materials used in our products prioritize your health and the environment. This includes strict adherence to guidelines regarding Substances of Very High Concern (SVHCs), which are chemicals identified under REACH as posing serious risks.

DERMATEST

The Original Dermatest® Seal means a product has been thoroughly and independently checked to ensure it's safe for your skin. This detailed process includes tests like the patch test, which looks for any skin irritation or allergic reactions under certain conditions. Products that make the cut get the Dermatest® Guarantee seal, showing they're safe and a high-quality choice in the market.

OEKOTEX

The OEKO-TEX® STANDARD 100 is a globally recognized certification for textiles, ensuring they are free from harmful substances. Items with this label have been rigorously tested against a comprehensive list of over 1,000 substances. The standard varies in strictness based on the intensity of skin contact, with stricter requirements for products that are closer to the skin.

EN 388: 2016 CUT LEVEL		ANSI/ISEA 105-2016 CUT LEVEL	
2 – 4.9 NEWTONS	A	ANSI/ISEA 105-2016 CUT A1	200 – 499 GRAMS
5 – 9.9 NEWTONS	B	ANSI/ISEA 105-2016 CUT A2	500 – 999 GRAMS
10 – 14.9 NEWTONS	C	ANSI/ISEA 105-2016 CUT A3	1000 – 1499 GRAMS
15 – 21.9 NEWTONS	D	ANSI/ISEA 105-2016 CUT A4	1500 – 2199 GRAMS
22 – 29.9 NEWTONS	E	ANSI/ISEA 105-2016 CUT A5	2200 – 2999 GRAMS
30+ NEWTONS	F	ANSI/ISEA 105-2016 CUT A6	3000 – 3999 GRAMS
		ANSI/ISEA 105-2016 CUT A7	4000 – 4999 GRAMS
		ANSI/ISEA 105-2016 CUT A8	5000 – 5999 GRAMS
		ANSI/ISEA 105-2016 CUT A9	6000+ GRAMS

ANSI/ISEA 105-2016 VS EN 388:2016
PUNCTURE

Application	ANSI	Newtons to Puncture	BEST USE	Application	EN	Newtons to Puncture
Light	1	10-19	Paper/Cardboard Cuts, Light Material, Light Parts Assembly	Light	1	0-20
Light / Medium	2	20-59	Light Construction, Material Handling, Parts Assembly, Packaging	Light / Medium	2	20-59
Medium	3	60-99	Construction, Light Metal Stamping, Light Glass Handling, Manufacturing			
Medium / Heavy	4	100-149	Construction, Metal Stamping, Food Services, Glass Handling	Medium	3	60-99
Heavy	5	150+	Oil and Gas, Mining, Heavy Duty Construction, Demolition, Manufacturing, Metal Fabrication	Heavy	4	100+

GUIDE® uses a colour coding system to identify the size of a glove for most string knit and dipped gloves. The seam at the end of the cuff is coloured as follows.

GUIDE® SIZE COLOUR KEY

STANDARDS AND REGULATIONS

EN 420:2003 +A1:2009	PROTECTIVE GLOVES – GENERAL REQUIREMENTS AND TEST METHODS
EN ISO 21420:2020	PROTECTIVE GLOVES – GENERAL REQUIREMENTS AND TEST METHODS
EN 388:2016 1234BP	GLOVES THAT PROVIDE PROTECTION AGAINST MECHANICAL RISKS
EN 511:2006 123	GLOVES THAT PROVIDE PROTECTION AGAINST COLD
EN 407:2004 123456	GLOVES THAT PROVIDE PROTECTION AGAINST THERMAL RISKS (HEAT AND/OR FIRE)
EN ISO 374-1:2016 Type A ABCDEF	GLOVES THAT PROVIDE PROTECTION AGAINST DANGEROUS CHEMICALS AND MICRO-ORGANISMS
EN 374-5:2016	GLOVES THAT PROVIDE PROTECTION AGAINST MICRO-ORGANISMS
EN ISO 10819:2013 / A1:2019 TRM: X TRH: Y	MECHANICAL VIBRATION AND SHOCK – HAND-ARM VIBRATION – MEASUREMENT AND EVALUATION OF THE VIBRATION TRANSMISSIBILITY OF GLOVES AT THE PALM
EN 12477:2001 Type A	PROTECTIVE GLOVES FOR WELDER
SS IEC 61340-5-1	PROTECTION OF ELECTRONIC DEVICES FROM ELECTRONIC PHENOMENA
EN 16350:2014	PROTECTIVE GLOVES – ELECTROSTATIC PROPERTIES
EN 1149-5 ANTISTATIC	PROTECTIVE CLOTHING – ELECTROSTATIC PROPERTIES
ANSI/ISEA 138 LEVEL 1	IMPACT-RESISTANT GLOVES
ARC/ASTM F2675	DETERMINING ARC RATINGS OF HAND-PROTECTION PRODUCTS THAT ARE DEVELOPED AND USED FOR ELECTRICAL ARC FLASH PROTECTION
NOT FOR FATTY FOOD	MATERIALS AND PRODUCTS INTENDED TO COME INTO CONTACT WITH FOOD
ASTM F2878-10	PROTECTIVE CLOTHING MATERIAL RESISTANCE TO HYPODERMIC NEEDLE PUNCTURE

GUIDE SYMBOLS


WATERPROOF


CHEMICAL PROTECTION


HEAT PROTECTION


IMPACT PROTECTION


LIQUID PROTECTION


CUT PROTECTION

ARC FLASH PROTECTION


TOUCHSCREEN


COLD PROTECTION


NEEDLE PROTECTION

At Dentec Safety Specialists our mission is to provide the highest quality of safety solutions delivering enhanced value and comfort. Our expertise from decades of experience in Industrial Safety and our innovative design technologies have solidified us as thought leaders in the field.

DENTEC SAFETY SPECIALISTS INC

Office address
195 B Harry Walker Parkway North
Newmarket, ON L3Y 7B3, Canada

Website dentecsafety.com

Phone +1-888-533-6832

E-mail dentec@dentecsafety.com

Dentec Safety Specialists has distribution rights for safety gloves under the mark Guide® in Canada.

GUIDE®
THE RIGHT GLOVES

Cut protection | Oilproof | Waterproof | Heat protection | Touchscreen compatible

DENTEC® SAFETY SPECIALISTS
SPECIALIZING IN SAFETY SOLUTIONS