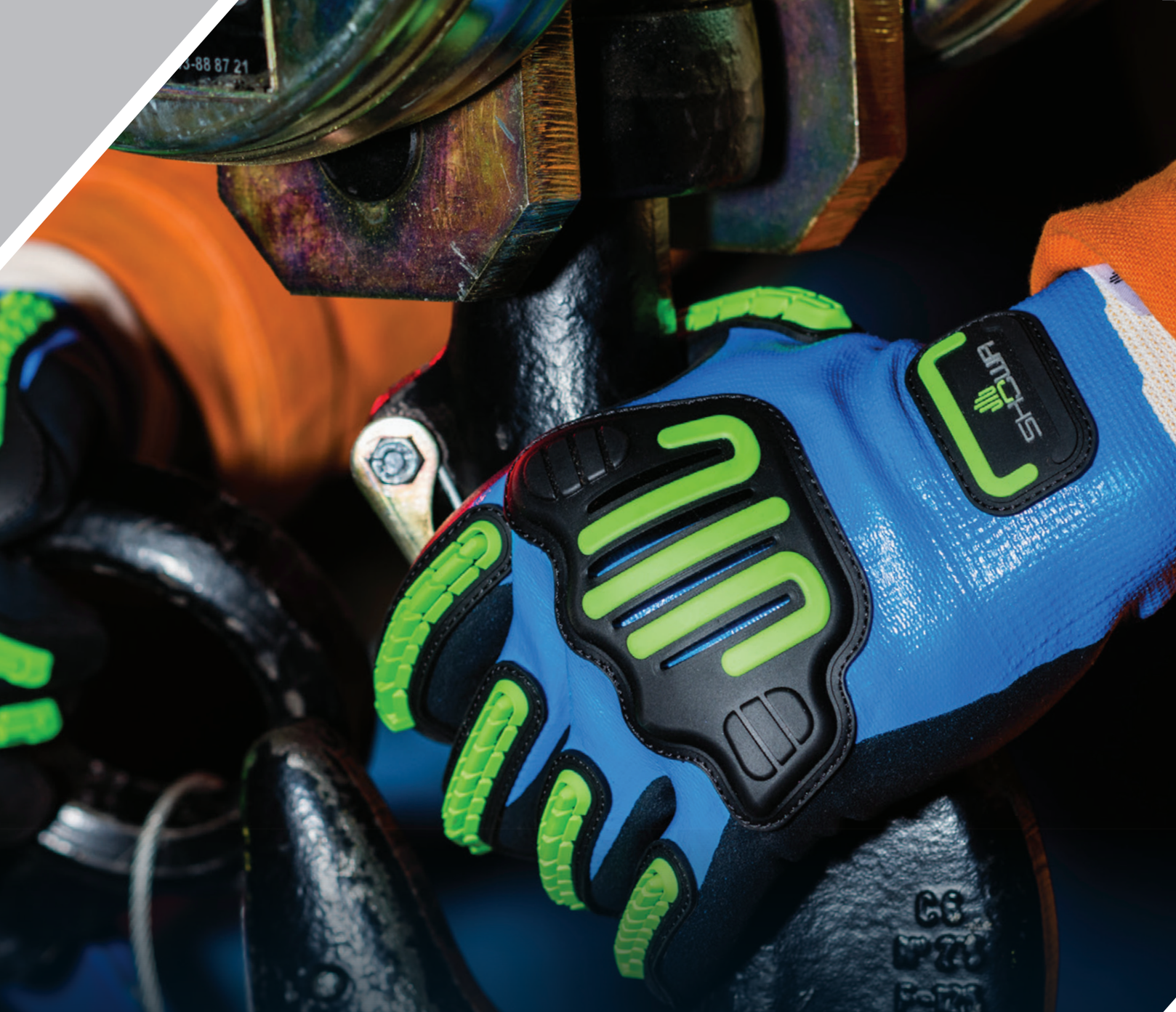

# HAND PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Globus EMEA

## 330

**REINFORCED LATEX COATING • POLYESTER/ COTTON LINER**

- Extremely durable
- Rough latex surface provides a tactile feel and excellent grip
- Coating reinforced in thumb crotch
- Maximum resistance to rips
- Seamless liner prevents irritation
- EN388: 2003 **2142**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO330 | 1 | 2 | 3 | 4 |

## 376R

**NITRILE FOAM COATING ON NITRILE • COTTON/NYLON LINER**

- ¾ coated with flat nitrile
- Extra nitrile foam coating on the palm
- Reinforced knit cuff
- Seamless liner prevents irritation
- Excellent grip in oily conditions
- EN388: 2003 **4121**

| | 6/S | 7/M | 8/L | 9/XL |
|---|---|---|---|---|
| SHO376 | 1 | 2 | 3 | 4 |

## 350R

**NITRILE COATING • POLYESTER / COTTON LINER**

- Great dexterity with effective long lasting grip
- Rough finish over entire nitrile surface
- Good resistance to abrasion and tearing
- Thick supple cotton liner
- EN388: 2003 **4231**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO350 | 1 | 2 | 3 | 4 |

## 377

**NITRILE FOAM COATING ON NITRILE • POLYESTER / NYLON KNIT LINER**

- Fully coated
- Extra nitrile foam coating on the palm
- Protects the hand from oils, hydrocarbons, grease and abrasion
- Reinforced knit cuff
- Seamless liner prevents irritation
- Highly flexible
- EN388: 2003 **4121**

| | 6/S | 7/M | 8/L | 9/XL | 10/XXL |
|---|---|---|---|---|---|
| SHO377 | 1 | 2 | 3 | 4 | 5 |

## 380

**NITRILE FOAM COATING • NYLON LINER**

- Embossed nitrile surface disperses grease efficiently
- Lightweight nylon liner
- Breathable palm
- Seamless liner prevents irritation
- Anatomically engineered
- Excellent precision grip of greasy components
- EN388: 2003 **3121**

| | 6/S | 7/M | 8/L | 9/XL |
|---|---|---|---|---|
| SHO385 | 1 | 2 | 3 | 4 |

## 381

**EMBOSSED NITRILE FOAM COATING • POLYESTER AND SPANDEX LINER WITH MICROFIBRE**

- Embossed nitrile surface disperses grease efficiently
- Thin, durable nitrile palm offers a unique sense of touch
- Microfibre properties allow moisture vapour to permeate efficiently - allowing improved breathability and resulting in drier hands with reduced perspiration
- Excellent precision grip of greasy components
- EN388: 2003 **4121**

| | 6/S | 7/M | 8/L | 9/XL |
|---|---|---|---|---|
| SHO381 | 6 | 7 | 8 | 9 |





## ARIA™

**NITRILE FOAM COATING • NYLON/SPANDEX LINER**

- 3D Moisturevap - total breathability, comfort and performance
- Anatomically engineered for a comfortable fit
- Excellent grip in damp, oily and dry conditions
- EN388: 2003 **4131**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY49 | 1 | 2 | 3 | 4 | 5 |

## BETA 1™

**NITRILE FOAM COATING • NYLON/SPANDEX LINER**

- 18 gauge seamless liner enhances comfort and dexterity
- Good grip in damp, oily or dry conditions
- Excellent resistance to abrasion
- EN388: 2003 **4121**

| | 6/XS | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| SKY50 | 0 | 1 | 2 | 3 | 4 | 5 |

## NEON™

**NITRILE COATING • NYLON LINER**

- ¾ coated with flat nitrile
- Durable with excellent grip
- Fully coated version also available
- Knitted cuff
- EN388: 2003 **4111**

NEON XTRA

| | | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|---|
| NEON | SKY24 | 1 | 2 | 3 | 4 |
| NEON XTRA | SKY22 | - | 2 | 3 | 4 |

## NINJA LITE™

**POLYURETHANE COATING • NYLON/LYCRA LINER**

- Lightweight (18 gauge) and close fitting for excellent dexterity
- Superfine breathable liner
- Maximum flexibility and movement for the most intricate of tasks
- EN388: 2003 **4131**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY12 | 1 | 2 | 3 | 4 | 5 |

## XERI™

**ARTIFICIAL LEATHER, SPANDEX, NEOPRENE AND LYCRA**

- Thumb, index finger and middle finger open
- Reinforced patches on the palm
- Velcro wrist fastening
- EN388: 2003 **4231**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY390 | 1 | 2 | 3 | 4 | 5 |

## TONS

**LATEX PALM COATING • POLYESTER COTTON LINER**

- Rough finish on palm to ensure a secure grip
- Polyester/cotton knit liner
- Elasticated cuff
- EN388: 2003 **3221**

| | 8/M | 9/L | 10/XL |
|---|---|---|---|
| TNS070 | 2 | 3 | 4 |

## TONS TN1

**NITRILE COATING • POLYESTER LINER**

- Water resistant nitrile palm coating
- Coating resists snags and abrasion
- Flexible and close-fitting design
- EN388: 2003 **4121**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| TNS030 | 1 | 2 | 3 | 4 | 5 |

## TONS TF1

**NITRILE FOAM COATING • NYLON/LYCRA LINER**

- Nitrile foam palm coating grips in dry, damp and light oily conditions
- Flexible and close-fitting design
- EN388: 2003 **4121**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| TNS010 | 1 | 2 | 3 | 4 |

## TONS TP1

**POLYURETHANE COATING • POLYESTER LINER**

- Durable palm coating resists rips and abrasion
- Allows excellent freedom of hand movement
- Excellent grip in dry handling conditions
- EN388: 2003 **4121**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| TNS020 | 1 | 2 | 3 | 4 |

## S-TEX KV3

**NATURAL LATEX COATING • POLYESTER LINER REINFORCED WITH HAGANE STEEL**

- Level 5 cut resistance (EN388: 2003) (ISO 13997: Level F)
- Contains Kevlar® fibres
- Engineered from SHOWA's patented Hagane Coil® fibre
- EN388: 2003 **3544**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO390 | 1 | 2 | 3 | 4 |

## GP-KV1

**NATURAL LATEX COATING • ARAMID LINER**

- Level 4 cut resistance (EN388: 2003) (ISO 13997: Level C)
- Liner constructed using Kevlar® fibre
- Rough latex surface provides excellent grip and a tactile feel
- EN388: 2003 **3444**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO320 | 1 | 2 | 3 | 4 |

## 240

**NEOPRENE COATING • KEVLAR®, MODACRYLIC AND FIBREGLASS LINER**

- Levle 5 cut resistance (EN 388:2003)
- 13 gauge knitted liner
- Arc flash level 2
- Flat dipped sponge neoprene coating
- Inherently flame resistant
- EN388: 2003 **3531**
- EN407: 2004 **42212X**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO240 | 1 | 2 | 3 | 4 |

## KV660

**PVC COATING • ARAMID LINER**

- Level 3 cut resistance (EN388: 2003) (ISO 13997: Level B)
- PVC dipped coating over entire hand and wrist
- Liner constructed using Kevlar® fibre
- EN388: 2003 **4342**
- EN374-1: 2003 **JKL**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SHOKV660 | 2 | 3 | 4 | 5 |

## 541

**POLYURETHANE COATING • HPPE LINER**

- Level 3 cut resistance (EN388: 2003) (ISO 13997: Level B)
- Palm protects the hand from oils and grease
- Extremely durable
- EN388: 2003 **4342**

| | 6/S | 7/M | 8/L | 9/XL | 10/XXL |
|---|---|---|---|---|---|
| SHO541 | 1 | 2 | 3 | 4 | 5 |

## 542

**POLYURETHANE COATING • HPPE LINER**

- Level 3 cut resistance (EN388: 2003) (ISO 13997: Level B)
- Palm protects the hand from oils and grease
- Extremely durable
- EN388: 2003 **4342**

| | 6/S | 7/M | 8/L | 9/XL | 10/XXL |
|---|---|---|---|---|---|
| SHO542 | 1 | 2 | 3 | 4 | 5 |

## S237

**UNCOATED HPPE**

- Level 5 cut resistance (EN388: 2003) (ISO 13997: Level C)
- Soft and comfortable 7 gauge construction
- Super stretch construction
- Elasticated thumb loop
- Length 406mm
- Approved for food handling
- EN388: 2003 **3540**

| ONE SIZE FITS MOST | BST23716T |
|---|---|

## DS45

**UNCOATED HPPE**

- Level 2 cut resistance (EN388: 2003) (ISO 13997: Level B)
- Comfortable and flexible seamless knit
- Length 450mm
- Elasticated cuff
- EN388: 2003 **4240**

| ONE SIZE FITS MOST | SHODS45 |
|---|---|

Kevlar® is a registered trademark of E.I.du Pont de Nemours and Company





## ULTIMUS LITE™

**NITRILE SPONGE COATING • HPPE/GLASS LINER**

- Level 5 cut resistance (EN388: 2003) (ISO 13997: Level B)
- Reinforced thumb line
- Excellent grip in wet, oily and dry conditions
- High levels of flexibility and dexterity
- EN388: 2003 **4542**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SKY68 | 1 | 2 | 3 | 4 |

## RADIUS 5™

**NITRILE FOAM COATING • HPPE/NYLON/SYNTHETIC LINER**

- Level 5 cut resistance (EN388: 2003) (ISO 13997: Level B)
- Double ¾ coating - first coating layer is smooth nitrile and the second coating layer is foam nitrile providing a secure grip and barrier against contaminants
- EN388: 2003 **4543**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SKY78 | 1 | 2 | 3 | 4 |

## TONS TF5

**NITRILE FOAM COATING • HPPE / GLASS LINER**

- Level 5 cut resistance (EN388: 2003)
- Nitrile foam palm coating grips in dry, damp and light oily conditions
- Excellent dexterity
- EN388: 2003 **4543**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| TNS050 | 1 | 2 | 3 | 4 |

## TORIN™

**CRINKLE LATEX COATING • PARA-ARAMID LINER**

- Level D cut resistance (EN388: 2016)
- Light heat resistance up to 100°C
- Crinkle latex palm coating finish offers optimum wet and dry grip
- Blended with Spandex for comfort, ergonomic fit and dexterity
- EN388: 2016 **3X42D**
- EN407: 2004 **X1XXXX**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY101 | 1 | 2 | 3 | 4 | 5 |

## TONS TP5

**POLYURETHANE COATING • HPPE / NYLON LINER**

- Level 5 cut resistance (EN388: 2003)
- Durable palm coating resists rips and abrasion
- Excellent grip in dry handling conditions
- EN388: 2003 **4543**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| TNS060 | 1 | 2 | 3 | 4 |

## CIRRUS™

**POLYURETHANE COATING • HPPE/NYLON LINER**

- Level 3 cut resistance (EN388: 2003)
- Outstanding flexibility and a tactile touch
- Secure grip in light oily, greasy and dry environments
- EN388: 2003 **4343**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY46 | 1 | 2 | 3 | 4 | 5 |

## GAMMA 3™

**NITRILE SPONGE COATING • HPPE/GLASS LINER**

- Level 3 cut resistance (EN388: 2003) (ISO 13997: Level A)
- Breathable liner
- Elasticated wrist provides a secure fit
- EN388: 2003 **4343**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY51 | 1 | 2 | 3 | 4 | 5 |

## TRIGATA™

**POLYURETHANE COATING • HPPE/NYLON/GLASS LINER**

- Level 3 cut resistance (EN388: 2003) (ISO 13997: Level A)
- Palm-coated
- Lightweight 15 gauge liner
- EN388: 2003 **4342**

| | 6/XS | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| SKY90 | 0 | 1 | 2 | 3 | 4 | 5 |

## NEVADA™

**PARA-ARAMID**

- Level 3 cut resistance (EN388: 2003)
- Thumbhole prevents slipping and exposure of the wrist or arm
- Gives increased protection from cuts, slash, tear and certain punctures
- EN388: 2003 **1334**
- EN407: 2004 **413212**

| | 10" | 14" | 18" |
|---|---|---|---|
| JSK | 10H | 14H | 18H |

A range of cut-resistant impact protection gloves are shown on **pages 10-11**

## 379

**NITRILE FOAM COATING ON NITRILE • POLYESTER/NYLON KNIT LINER**

- Protects the hand and forearm from oils, chemicals, grease and abrasion
- Seamless for optimum comfort
- Nitrile foam coating provides excellent wet and oil grip
- Scalloped edge
- Length 300mm
- EN388: 2003 **4122**
- EN374-1: 2003 **JKL**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SHO379 | 2 | 3 | 4 | 5 |

## 737

**NITRILE COATING • UNLINED**

- Excellent grip
- Wrist well protected
- Chlorinated
- Thickness: 0.56 mm
- Length: 380mm *(737)*
  480mm *(747)*
- EN388: 2003 **3001**
- EN374-1: 2003 **JKL**

**747**
(Extended cuff)

| | | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| 737 | BST737G | 3 | 4 | 5 |
| 747 | BST747G | 3 | 4 | 5 |

## 771

**NITRILE COATING • COTTON LINER**

- Rough surface enhances grip and durability
- Antibacterial and anti-odour treatment
- Scalloped edge
- Thickness: 0.5mm
- Length: 300mm *(771)*
  650mm *(772)*
- EN388: 2003 **4111**
- EN374-1: 2003 **JKL**

**772**
(Long sleeve version)

| | | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| 771 | SHO771 | 2 | 3 | 4 |
| 772 | SHO772 | 2 | 3 | 4 |

## 720R

**NITRILE COATING • NYLON/POLYESTER LINER**

- Fine and supple
- Exceptional durability, flexibility, dexterity and comfort
- Antibacterial and anti-odour treatment
- Seamless for optimum comfort
- Scalloped edge
- Thickness: 1.1 mm
- Length: 300mm
- EN388: 2003 **3132**
- EN374-1: 2003 **JKL**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SHO720 | 1 | 2 | 3 | 4 | 5 |

## CHM

**NEOPRENE (BLACK) OVER NATURAL RUBBER LATEX (BLUE) • COTTON FLOCK LINER**

- Excellent grip in slippery conditions
- Wet substances dispersed efficiently from palm
- Wear indicator overdip
- Impermeable
- Glove size embossed on each hand
- Thickness: 0.66 mm
- Length: 300mm
- EN388: 2003 **2021**
- EN374-1: 2003

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| BSTCHMS1 | 1 | 2 | 3 | 4 |

## 890E

**VITON OVER BUTYL COATING • UNLINED**

- Smooth finish
- Rolled cuff
- Superior resistance to highly corrosive acids
- Available by individual pair in polybag with eyelet
- Length: 350mm *(890E)*
  300mm *(892)*
- Thickness: 0.7mm
- EN388: 2003 **2101** *(890E)*
  **2000** *(892)*
- EN374-1: 2003 **DFL**

**892**
(Thinner and shorter version)

| | | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| 890E | BST890E | - | - | 3 | 4 | - |
| 892 | BST892 | 1 | 2 | 3 | 4 | 5 |





## 874

**BUTYL COATING • UNLINED**

**874R**
(Rough textured finished version)

- Smooth finish
- Rolled cuff
- High permeation resistance to ketones, amines and esters
- Available by individual pair in polybag with eyelet
- Length: 350mm
- Thickness: 0.35mm
- EN388: 2003 **0010** EN374-1: 2003 **BIK**

| | | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| 874 | BST874 | 1 | 2 | 3 | 4 | 5 |
| 874R | BST874R | 1 | 2 | 3 | 4 | 5 |

## 878

**BUTYL COATING • UNLINED**

- Smooth finish
- Rolled cuff
- A more abrasion resistant version of SHOWA 874
- Available by individual pair in polybag with eyelet
- Length: 350mm
- Thickness: 0.70mm
- EN388: 2003 **1121** EN374-1: 2003 **BIK**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| BST878 | 2 | 3 | 4 | 5 |

## 660

**PVC COATING • COTTON LINER**

- Excellent dexterity and durability
- Seamless for optimum comfort
- Rough surface enhances grip and durability
- Lengths available: 300/340/360mm
- EN388: 2016 **4121** EN374-1: 2003 **JKL**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SHO660 | 2 | 3 | 4 | 5 |

## 660ESD

**PVC COATING • COTTON KNIT LINER**

- Triple-dipped PVC coating
- Protects objects from static electricity
- Excellent abrasion resistance
- Exceptional durability, flexibility, and comfort
- Rough surface enhances grip
- EN388: 2016 **4121** EN374-1: 2003 **AJKL**
- EN1149-1

| | 9/L | 10/XL |
|---|---|---|
| SHO670 | 3 | 4 |

## 690

**PVC COATING • COTTON LINER**

- Excellent abrasion resistance
- Length: 650mm - arm protected up to the shoulder
- Easy hang storage
- EN388: 2016 **4121**
- EN374-1: 2003 **JKL**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SHO690 | 2 | 3 | 4 | 5 |

## NERO™

**NATURAL LATEX COATING • COTTON FLOCK LINER**

- Chlorinated to result in a durable, smooth and flexible finish
- Textured pattern grip to palm provides grip in wet and dry handling conditions
- Grip pattern efficiently disperses moisture from the palm
- Smooth cotton flock lining absorbs perspiration
- EN388: 2003 **2020** EN374-1: 2003 **ABKL**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SKY87 | 1 | 2 | 3 | 4 |

## DAKOTA™

**UNSUPPORTED NITRILE • COTTON FLOCK LINER**

- Flock-lined for extra comfort and to ease donning
- Textured palm and fingertips to enhance grip in wet conditions
- Chlorinated and sanitised to reduce odours
- Straight cuff
- EN388: 2003 **4101** EN374-1: 2003 **AJKL**

| | 6/XS | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|---|
| SKY96 | 0 | 1 | 2 | 3 | 4 |

## 7505PF

**NITRILE**

- Textured finish to fingers
- Resistant to oils, acids and many chemicals
- Low-modulus formulation to improve fit and reduce fatigue
- Easy to put on and remove
- Second skin feel
- Ambidextrous
- Powder-free, latex-free, non-steriles
- Approved for food handling
- Thickness: 0.10mm
- Category III approved
- EN374-1: 2003

| | 6/XS | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| SHO7505 | 0 | 1 | 2 | 3 | 4 | 5 |

## TEAL™

**NITRILE**

- Premium performance NBR nitrile disposable gloves
- Resistant to oils, acids and many chemicals
- Up to four times the puncture resistance of latex
- Powder-free, latex-free, non-sterile
- Lightweight and comfortable with a 'second skin' feel
- Approved for food handling
- Thickness: 0.12mm
- EN374-1: 2003

| | 6/XS | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| SKYTEAL | 0 | 1 | 2 | 3 | 4 | 5 |

## UTAH™

**NITRILE**

- Comfortable with a 'second skin' feel
- Resistant to oils, acids and many chemicals
- Powder-free, latex-free, non-sterile
- Textured finish for grip and touch
- Category III approved
- Complies with FDA food handling requirements (21CFR 177.2600)
- Thickness: 0.11mm
- EN374-1: 2003

| | 6/XS | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|---|
| SKYUTAH | 0 | 1 | 2 | 3 | 4 | 5 |



## 451

**NATURAL LATEX COATING • ACRYLIC/ COTTON/POLYESTER LINER**

- Thermal properties enhance comfort in cold conditions
- Rough surface to the latex palm provides a tactile feel and excellent grip
- Extremely durable
- Seamless liner prevents irritation
- EN388: 2003 **2241**
- EN511: 2006 **010**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO451 | 1 | 2 | 3 | 4 |

## 477

**NITRILE FOAM COATING ON NITRILE • POLYESTER / NYLON LINER**

- Fully coated
- Extra nitrile foam coating on the palm
- Fixed, insulated liner
- Protects the hand from oils, hydrocarbons, grease and abrasion
- Highly flexible
- Wrist well protected
- Seamless for optimum comfort
- EN388: 2003 **4231**
- EN511: 2006 **011**

| | 7/M | 8/L | 9/XL | 10/XXL |
|---|---|---|---|---|
| SHO477 | 2 | 3 | 4 | 5 |

## 490

**PVC COATING • COTTON KNIT LINER**

- Hydrocarbon treated
- Resistant to the cold, chemicals and extremely robust
- Extended protection on the forearm
- Top-stitched cuff
- Flexible to -20°C
- Fixed lining
- Thickness: 1.50mm
- EN388: 2003 **4221**
- EN511: 2006 **121**
- EN374-1: 2003 **JKL**

| | 8/M | 9/L | 10/XL |
|---|---|---|---|
| SHO490 | 2 | 3 | 4 |



## 8814

**NEOPRENE SPRAY COATING • NON-WOVEN LINER**

- Heat protection up to 260°C
- Slip-on design gauntlet
- Textured finish provides excellent grip
- Dark colour hides charring
- Approved for food handling
- EN388: 2003 **3232**
- EN407: 2004 **X2XXXX**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| BST8814B | 1 | 2 | 3 | 4 |

## 240

**NEOPRENE COATING • KEVLAR®, MODACRYLIC AND FIBREGLASS LINER**

- Level 5 cut resistance (EN 388:2003)
- 13 gauge knitted liner containing Kevlar®, Modacrylic and Fibreglass
- Flat dipped sponge neoprene coating
- Inherently flame resistant
- Arc flash level 2
- EN388: 2003 **3531**
- EN407: 2004 **42212X**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SHO240 | 1 | 2 | 3 | 4 |

## NEVADA™

**PARA-ARAMID**

- Level 3 cut resistance (EN388: 2003)
- Thumbhole prevents slipping and exposure of the wrist or arm
- Gives increased protection from cuts, slash, tear and certain punctures
- EN388: 2003 **1334**
- EN407: 2004 **413212**

| | 10" | 14" | 18" |
|---|---|---|---|
| JSK | 10H | 14H | 18H |

## ARGON™

**HPT FOAM COATING • NYLON LINER**

- Durable glove that remains flexible at temperatures as low as –50ºC
- HPT foam coating extends across the palm, knuckles and fingers to provide greater protection even in wet environments
- Double insulated and soft lining
- Secure grip
- Excellent dexterity, flexibility and durability
- Encapsulated air molecules provide an inherent cushioning effect
- Silicone free
- EN388: 2003 **3232**
- EN511: 2006 **020**

| | 7/S | 8/M | 9/L | 10/XL |
|---|---|---|---|---|
| SKY08 | 1 | 2 | 3 | 4 |

## ARGON XTRA™

**HPT FOAM COATING • NYLON LINER**

- Fully dipped
- Soft fleece lining for comfort in cold conditions
- Undulating contour grip pattern to the palm
- Hydropellent Technology repels liquids
- Excellent grip in the dry
- Good grip in wet and greasy conditions
- Durable PVC sponge touch finish
- Sanitized to promote freshness
- EN388: 2003 **3131**
- EN511: 2006 **120**

| | 7/S | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|---|
| SKY91 | 1 | 2 | 3 | 4 | 5 |

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## 377-IP

**NITRILE FOAM ON NITRILE WITH THERMO PLASTIC RUBBER IMPACT PROTECTION • POLYESTER / NYLON KNIT LINER**

- Protects the hand from oils, hydrocarbons, grease and abrasion
- Flexible and durable shields provide impact protection to the back of the hand
- Highly flexible SHOWA flat nitrile coating
- Nitrile foam palm coating provides excellent grip in greasy conditions
- Extremely durable
- Reinforced knit cuff
- EN388: 2003 **4121**

| | 7/M | 8/L | 9/XL | 10/XXL |
|---|---|---|---|---|
| SHO377IP | 2 | 3 | 4 | 5 |

## TORQ FLEX™

**LAMINATED POLYESTER AND PVC COATING · SYNTHETIC LEATHER, PU AND NYLON PALM**

- Durable double synthetic leather construction
- Dense, moulded protection zones on knuckles, fingers, thumb and back of hand
- Textured grip reinforced with Kevlar® applied to thumb and index finger
- Oil and water resistant
- Hi-vis colour for hand signalling
- Anti-slip technology
- Neoprene cuff resists snagging and offers a secure fit
- EN388: 2003 **3231**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SKY85 | 2 | 3 | 4 | 5 |

## TORBEN™

**HPPE, GLASS FIBRE AND NYLON · NITRILE FOAM SANDY FINISH**

- Level C cut resistance (EN388: 2016)
- High performance shields
- Reinforced thumb crotch
- Flexible and soft 13gg liner
- Nitrile foam sandy coating
- Highly visible colour scheme to aid hand visibility
- High cut resistance
- EN388: 2016 **4X43CP**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SKY184 | 2 | 3 | 4 | 5 |

## TORQ RED™

**THERMO PLASTIC RUBBER INJECTED ON POLYCOTTON AND SPANDEX, SYNTHETIC LEATHER PALM COATING • HPPE, NYLON AND GLASS LINER • NEOPRENE CUFF**

- Level F cut resistance (EN388: 2016)
- Flexible shields provide full back-of-hand protection from the fingertips to the knuckles and metacarpals
- Anti-slip palm coatings for enhanced grip
- Oil and water resistant
- Long cuff allows the glove to be pulled on with ease whilst helping prevent debris from entering the glove
- EN388: 2016 **4X43FP**
- EN407: 2004 **X2XXXX**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SKY92 | 2 | 3 | 4 | 5 |

## TORQ BLACK™

**THERMO PLASTIC RUBBER INJECTED ON POLYCOTTON AND SPANDEX, PU AND SUEDE PALM COATING • NYLON AND GLASS LINER • NEOPRENE CUFF**

- Level E cut resistance (EN388: 2016)
- Flexible shields provide full back-of-hand protection from the fingertips to the knuckles and metacarpals
- Anti-slip palm coatings for enhanced grip
- Oil and water resistant
- Long cuff allows the glove to be pulled on with ease whilst helping prevent debris from entering the glove
- EN388: 2016 **4X44EP**EN407: 2004 **X2XXXX**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| SKY93 | 2 | 3 | 4 | 5 |





## DEEP GRIP™

**THERMO PLASTIC RUBBER, KEVLAR®**

- Level 3 cut resistance (EN388: 2003)
- Direct injection Thermo Plastic Rubber is glued, thermo welded and Kevlar® stitched to withstand the harshest of environments
- SkidX Grip™ provides excellent resistance to oil, water and petrochemicals and heightened gripping power for wet, oily or dry surfaces
- Reinforced with an extra layer of SkidX Grip™ between thumb and forefinger
- Long-cuff design bolsters protection, comfort and 'tear-away' ability
- EN388: 2003 **4342**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| CSL08 | 2 | 3 | 4 | 5 |

## DEEP II GRIP™

**THERMO PLASTIC RUBBER, PU, KEVLAR, NYLON AND POLYESTER LINER**

- Level 3 cut resistance (EN388: 2003)
- Single-piece 3D Thermo Plastic Rubber
- Double Kevlar® thread palm stitching for added durability
- SkidX Grip™ provides excellent resistance to oil, water and petrochemicals and heightened gripping power for wet, oily or dry surfaces
- Extra layer of Kevlar® in the thumb crotch
- EN388: 2003 **4342**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| CSL10 | 2 | 3 | 4 | 5 |

## DEEP III CUT 5

**THERMO PLASTIC RUBBER, PU, KEVLAR, NYLON AND POLYESTER LINER**

- Level 5 cut resistance (EN388: 2003)
- Direct injection Thermo Plastic Rubber is glued, thermo welded and Kevlar® stitched to withstand the harshest of environments
- SkidX Grip™ provides excellent resistance to oil, water and petro chemicals and heightened gripping power for wet, oily or dry surfaces
- EN388: 2003 **4543**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| CSL11 | 2 | 3 | 4 | 5 |

## TREMBLEX™

**SILICONE SURFACE, NEOPRENE POLYCHLOROPRENE, TERRY CLOTH**

- Hexagonal Memory Gel® absorbs vibrations from tools and equipment
- Silicone palm grip surface creates strong grip control on palm, and adds dexterity
- Form-fitting spandex adds breathability
- Knuckle padding
- Terry cloth back on thumb absorbs sweat from brow or hand
- EN388: 2003 **2121**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| CSL22 | 2 | 3 | 4 | 5 |

## TREMBLEX 5™

**SILICONE SURFACE, NEOPRENE POLYCHLOROPRENE, TERRY CLOTH**

- Open finger glove
- Enables small components to be picked up with ease
- Hexagonal Memory Gel® with a silicone surface absorbs vibrations whilst enhancing gripping power
- Neoprene Polychloroprene aids breathability and resists damage from the sun, ozone and inclement weather
- Knuckles padding
- Terry cloth comfortably absorbs sweat from brow or hand
- Adjustable wrist strap
- EN388: 2003 **2121**

| | 8/M | 9/L | 10/XL | 11/XXL |
|---|---|---|---|---|
| CSL04 | 2 | 3 | 4 | 5 |

Kevlar® is a registered trademark of E.I.du Pont de Nemours and Company

# GUIDE TO INDUSTRY STANDARDS

## STANDARD EN 374: 2003

Gloves giving protection from chemicals and micro-organisms

SCOPE:

This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms.

DEFINITIONS:
Penetration - The movement of a chemical and/or micro-organism through porous materials, seam, pinholes or other imperfections in a protective glove material at a non-molecular level.

Permeation - The rubber and plastic films in gloves do not always act as barriers to liquids. Sometimes they can act as sponges, soaking up the liquids and holding them against the skin. It is therefore necessary to measure breakthrough times, or the time taken for the hazardous liquid to come in contact with the skin.

REQUIREMENTS:

- The minimum liquid proof section of the glove shall be at least equal to the minimum length of the glove specified in EN 420.
- Penetration: A glove shall not leak when tested to an air and/or water leak test, and shall be tested and inspected in compliance with the Acceptable Quality Level.

The 'Chemical resistant' glove pictogram must be accompanied by a 3-digit code.

This code refers to 3 chemicals (from a list of 12 standard defined chemicals) for which a breakthrough time of at least 30 minutes has been obtained.

| Code | Chemical |
|---|---|
| A | Methanol |
| B | Acetone |
| C | Acetonitrile |
| D | Dichloromethane |
| E | Carbone disulphide |
| F | Toluene |
| G | Diethylamine |
| H | Tetrahydrofurane |
| I | Ethyl acetate |
| J | N-Heptane |
| K | Sodium hydroxide 40% |
| L | Sulphuric acid 96% |

The 'Low Chemical resistant' or 'Waterproof' glove pictogram is to be used for those gloves that do not achieve a breakthrough time of at least 30 minutes against at least three chemicals from the defined list, but which comply with the Penetration test.

The 'Micro-organism' pictogram is to be used when the glove conforms to at least a performance level 2 for the Penetration test.

**Warning: The chemical data information does not necessarily reflect the actual duration in the workplace.**

## EN 511 Cold-related risks

Tested levels of glove performance in terms of the following risks:

- Climatic or industrial cold transmitted by convection (0 to 4).
- Climatic or industrial cold transmitted by contact (0 to 4).
- Impermeability to water (0 or 1).

If the glove shows this symbol, it has achieved a performance index for (from left to right) climatic cold or industrial cold transmitted by convection, climatic cold or industrial cold transmitted by contact, impermeability to water.

"0" means that during the test level 1 was not reached.

## EN 388: 2003 Mechanical risks

a b c d

This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing. Protection against mechanical hazards is expressed by a pictogram followed by four numbers (performance levels), each representing test performance against a specific hazard.

**a) RESISTANCE TO ABRASION** Based on the number of cycles required to abrade through the sample given.

**b) BLADE CUT RESISTANCE** Based on the number of cycles required to cut through the sample at a constant speed.

**c) TEAR RESISTANCE** Based on the amount of force required to tear the sample.

**d) PUNCTURE RESISTANCE** Based on the amount of force required to pierce the sample with a standard sized point.

## EN 388: 2016 Mechanical risks

a b c d e f

**REVISION OF EN 388: 2003**

The EN 388 standard underwent revision in 2016. Our gloves are in the process of being recertified by the notified bodies to conform to the revised standard. Currently reported ISO 13997 cut resistance values are indications until officially certified. In the meantime the existing certificates according to EN 388: 2003 remain valid.

**a) ABRASION RESISTANCE (0-4)**
Number of cycles required to abrade a hole using abrasive paper in a circular sample of glove material under constant pressure and motion.

**b) BLADE CUT RESISTANCE BY COUP TEST (0-5)**
Number of cycles required to cut a sample using a stainless steel circular blade under constant speed and low force of 5 newton (approx. 510g). For materials that dull the blade, after a certain number of cycles without cut through, the ISO 13997 test is performed and becomes the reference cut resistance value.

**c) TEAR RESISTANCE (0-4)**
Force required to propagate a tear in a rectangular sample of a glove with a starting incision, to a maximum force of 75N (approx. 7,6kg).

**d) PUNCTURE RESISTANCE (0-4)**
Force required to puncture the sample with a standard size steel point at a constant speed of 10 cm/min.

**e) BLADE CUT RESISTANCE BY ISO TEST (A-F)**
Force in newton (N) required to cut through a sample using a rectangular blade in a specified cut test machine such as Tomodynamometer (TDM). This test is optional unless the blade in Coup test becomes dull, whereupon it becomes the reference for cut resistance.

**f) IMPACT RESISTANCE (P)**
For protective gloves claiming impact resistance. Measures dissipation of force by the area of protection upon an impact of a domed anvil at an impact energy of 5 joules. Testing is carried out in accordance with the impact protection test for motorcycle protective gloves of EN 13594:2015 standard. A letter "P" is added on successful pass, while a fail remains unmarked. Level X can also be applied for a – f above, which means "not tested".

## EN 407 Heat-related risks

Tested levels of glove performance in terms of the following risks:

- Resistance to flammability (0 to 4)
- Resistance to contact heat (0 to 4)
- Resistance to convective heat (0 to 3)
- Resistance to radiant heat (0 to 4)
- Resistance to small splashes of molten metal (0 or 1)
- Resistance to large splashes of molten metal (0 or 1)

"0" means that during the test level 1 was not reached.

"X" means that the test was not performed or not possible.

"X" means that the test was not performed or not possible.

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