

# CUT RESISTANT GUIDE // VOL. 20







## THE BASICS

Cut and puncture wound hazards in the workplace come from handheld sharp cutting tools which includes knives, razors, pruners, chisels, snips, etc., as well as the handling of materials such as metal, glass, and sharp-edged plastics. These types of hazards can be reduced through training employees to choose, store, and use tools properly, and ensuring maintenance and repair of sharp and cutting tools. Another means of protecting employees is with personal protective equipment (PPE)—namely cut resistant gloves.

This guide is all about cutting. Although topics such as abrasion, puncture, and tear are mentioned, they are all very different forms of breaking apart material. You will read below about the two methods of testing cut resistance which our gloves are rated by. Please note, cutting gloves with a pair of scissors involves ‘shear’, which is a different kind of force from the slicing type of cut faced in industrial applications. Scissors have 2 sharp blades applying stress in both directions. Cut resistance can not be categorized through scissor tests.

It is important to keep in mind that there is really no such thing as a “cut proof” glove—you will never hear us describe our products as such. Work gloves can be cut resistant, but with enough pressure, all gloves will allow a sharp-edged object through. How well the glove performs also depends on how you maintain the glove—the manufacturer’s recommendations for glove care need to be followed for optimum performance.

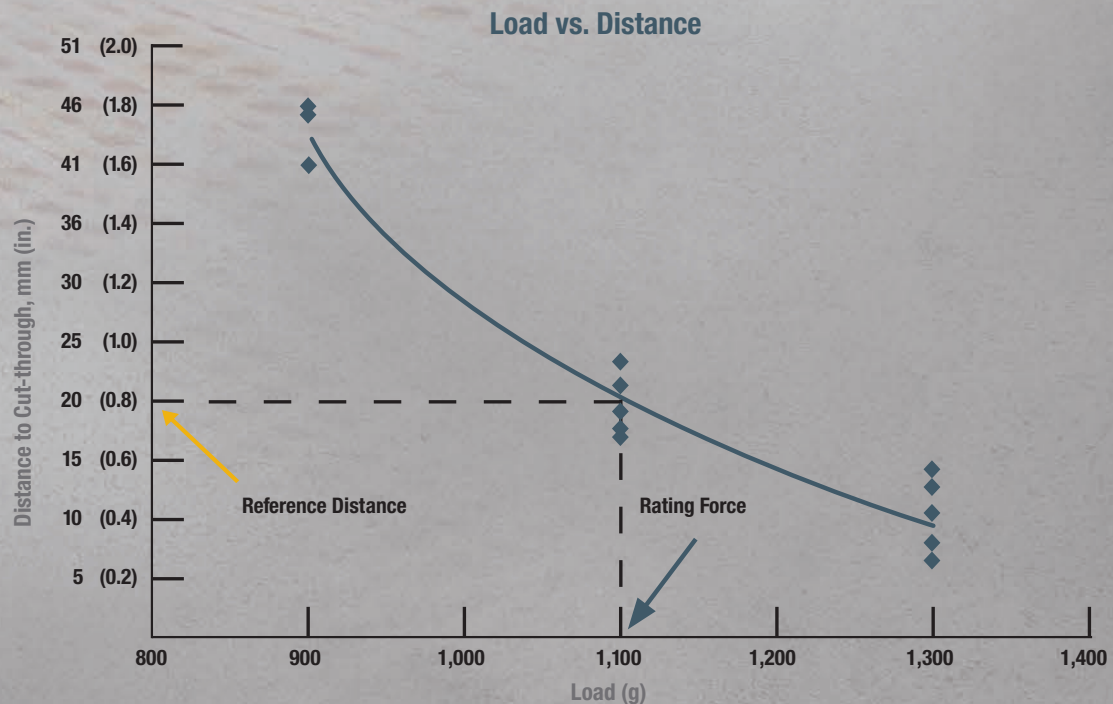
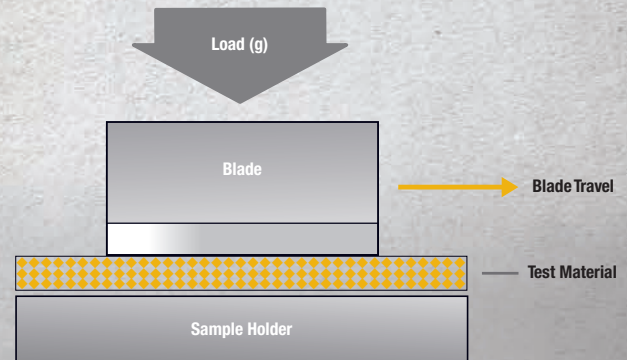
Ultimately, being educated about risks and hazards in the workplace is what protects us the best.



## ANSI TEST METHOD

### ISO 13997 Test Method

In the ISO 13997 test methods, the sample is cut by a straight-edge blade, under load, that moves along a straight path. The sample is cut five times each at three different loads and the data is used to determine the required load to cut through the sample at a reference distance of 20 mm (0.8 in.). This is referred to as the Rating Force or Cutting Force (Refer to Diagram below). The higher the Rating Force, the more cut-resistant the material. Neoprene rubber is used as the standard to evaluate blade sharpness.







## CUT RESISTANT STANDARD

In January 2016 the American National Standards Institute (ANSI) introduced a new standard called the ANSI/ISEA 105. The goal for updating this standard was to create consistency between ANSI and EN388 methods as well as to account of the recent advances in cut resistant yarns and technologies. Both the new ANSI F2992-15 cut test method and EN ISO 13997 now use the same TDM-100 machines and as a result, their scores now roughly correlate as you can see illustrated in the chart below.



The 2016 revision of the ANSI/ISEA 105 standard is a more expanded level of classification of cut resistance:

- The ANSI ASTM F2992-15 cut test method now features 9 levels of cut resistance: A1-A9 with smaller increments between levels
- Additional levels have also been added to the higher end of the cut resistance scale to account for new cut resistant materials and technologies coming on to the market.

For the EN 388 cut test ratings, both the Coup Test cut score and ISO 13997 rating are required to be represented on the En 388 score

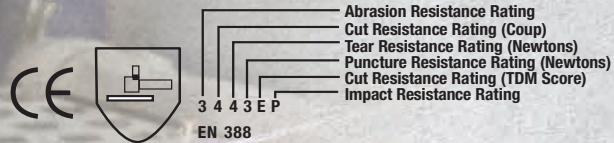
- The new ISO 13997 rating is represented by the letters A-F at the end of the score



## EN388 AND ANSI PICTOGRAMS

### EN388: 2016 Pictogram:

The EN 388 rating is scored from (A-F)



### ANSI F2992-15 Icon:

The ANSI ratings is scored from A1-A9



## CHOOSE YOUR CUT LEVEL

ANSI F2992 – 15		EN388: 2016	
Cut rating from A1-A9 (9 levels)	Measured in Grams of Force 1gf = 0.0098N	ANSI <b>A#</b>	Measured in Newtons 1N = 101.97gf
		EN 388 <b>XXXXX</b>	Cut rating from A-F (6 levels)

### Materials

### Application

Metal Mesh	6000+ gf	A9			Extreme	Glass Manufacturing, Recycling Sorting, Metal Fabrication
	5000 - 5999 gf	A8				
Engineered Yarns	4000 - 4999 gf	A7			High	Automotive Assembly, Pulp Paper, Aerospace Industry
	3000 - 3999 gf	A6	F	30 N (3059 gf)		
	2000 - 2999 gf	A5	E	22 N (2243 gf)		
	1500 - 1999 gf	A4	D	15 N (1529 gf)	Moderate	Manufacturing, Warehouse, Food Prep, Packaging
	1000 - 1499 gf	A3	C	10 N (1019 gf)		
Synthetics Polyester/Nylon	500 - 999 gf	A2	B	5 N (309 gf)	Low Hazards	General purpose material handling with sharp edges
	200 - 499 gf	A1	A	2 N (203 gf)		



# CUT RESISTANT




**351 Stealth Frontier**

13gg HPPE/ glass/ WasteNot™ polyester seamless knit made from 10.8% (+/-2%) recycled post consumer PET bottles, sandy latex palm with PVC reinforced sewn on thumb saddle, treated to bead water off which lasts up to 5 washes, snug-fitting seamless knit wrist

Size XS-XXL

\*One - 500mL recycled plastic bottle is used to make one pair of gloves






RATINGS | TECHNOLOGIES

RECYCLED BLENDED PLAIN LatexGrip

EN388 3X42E

ANSI/ISEA 105 A5 4 4

WASTENOT™ SUSTAINABLE




**367 Stealth Falcon**

15gg glass/nylon/HPPE/spandex shell, 2NFT (nitrile foam technology) with reinforced nitrile thumb saddle, conductive coating can be used on all touchscreen devices, snug-fitting knit wrist

Size S-XXL

**EN388 4X42C**  
**ANSI Cut A3 - F2992-15**  
**1064 Grams**




RATINGS | TECHNOLOGIES

TOUCHSCREEN TECHNOLOGY

EN388 4X42C

ANSI/ISEA 105 A3 4 3




**353 Stealth Dynamo!**

13gg HPPE fibre seamless knit shell, *sure-grip* foam nitrile coating with textured finish, snug-fitting knit wrist, CFIA approved

Size S-XXL

**EN388 4342B**  
**ANSI Cut A2 - F2992-15**  
**761 Grams**




RATINGS | TECHNOLOGIES

EN388 4X42B

ANSI/ISEA 105 A2 4 3




**357 Stealth Dog Fight**

18gg HPPE/steel/WasteNot™ polyester seamless knit made from 20% recycled post consumer PET bottles, "Be safe, be seen" with hi-vis safety yellow, sandy nitrile coated palm and thumb saddle, conductive coating on palm and fingers can be used on all touchscreen devices, ergonomically formed, extended snug-fitting knit wrist

Size XS-XXL

\*0.8 - 500mL recycled plastic bottles are used to make one pair of gloves






RATINGS | TECHNOLOGIES

EN388 4X42EX

ANSI/ISEA 105 A6 4 3

WASTENOT™ SUSTAINABLE




**359 Stealth Stinger**

15gg fine gauge HPPE/nylon/glass/Lycra seamless knit shell, polyurethane coating, snug-fitting knit wrist

Size XS-XXL

**EN388 3X42B**  
**ANSI Cut A2 - F2992-15**  
**582 Grams**




RATINGS | TECHNOLOGIES

EN388 3X42B

ANSI/ISEA 105 A2 4 3




**362 Stealth Hornet**

18gg HPPE/nylon/glass/spandex seamless knit shell, foam nitrile coating, snug-fitting knit wrist

Size XS-XXL

**EN388 4X43C**  
**ANSI Cut A4 - F2992-15**  
**1680 Grams**




RATINGS | TECHNOLOGIES

EN388 4X43C

ANSI/ISEA 105 A4 4 4




**365 Stealth Cobra**

18gg glass/nylon/HPPE/spandex shell, 2NFT (nitrile foam technology) with reinforced nitrile thumb saddle, conductive coating can be used on all touchscreen devices, snug-fitting knit wrist

Size XS-XXL

**EN388 4X31B**  
**ANSI Cut A2 - F2992-15**  
**738 Grams**








RATINGS | TECHNOLOGIES

TOUCHSCREEN TECHNOLOGY

EN388 4X31B

ANSI/ISEA 105 A2 4 2



**369 Stealth Phantom**

12 pack, 13gg HPPE/steel/glass seamless knit shell, lightweight polyurethane coated, snug-fitting seamless knit wrist

Size XS-XXL

\*sold in pairs, min. 12 pairs

**EN388 4X43D**  
**ANSI Cut A4 - F2992-15**  
**2096 Grams**

RATINGS | TECHNOLOGIES

EN388 4X43D

ANSI/ISEA 105 A4 6 4



# CUTTING EDGE

technology

FROM BOTTLES TO GLOVES



## #351 STEALTH FRONTIER

- 13gg HPPE/ glass/ WasteNot™ polyester seamless knit made from 10.8% (+/-2%) recycled post consumer PET bottles provides ANSI A5 cut protection
- Sandy latex palm with PVC reinforced sewn on thumb saddle



## #387TPR ORANGE CRUSH

- 13GG HPPE/glass/steel/WasteNot™ Polyester seamless knit made from 5.2% (+/-2%) recycled post consumer PET bottles
- First layer waterproof full dip flat nitrile and second layer sandy nitrile palm

## #379 STEALTH PHOENIX

- 18gg HPPE/ glass/ WasteNot™ polyester seamless knit made from 9.6% (+/-2%) recycled post consumer PET bottles provides ANSI A4 cut protection
- Premium sandy nitrile palm with reinforced thumb saddle



## #388 STEALTH CYCLONE

- 18gg HPPE / WasteNot™ polyester seamless knit made from 12% (+/-2%) recycled post consumer PET bottles provides ANSI A2 cut protection
- Premium sandy nitrile palm with reinforced thumb saddle

TOUCH SCREEN TECHNOLOGY



TOUCH SCREEN TECHNOLOGY





# CUT RESISTANT

**379 Stealth Phoenix**

18gg HPPE/ glass/ WasteNot™ polyester seamless knit made from 9.6% (+/-2%) recycled post consumer PET bottles, premium sandy nitrile palm with reinforced thumb saddle, conductive coating can be used on all touchscreen devices, treated to bead water off which lasts up to 5 washes, snug-fitting seamless knit wrist

Size XS-XXL

\*0.57 - 500mL recycled plastic bottle is used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 105 A4 3 3

WASTENOT™ SUSTAINABLE

**384 Stealth Black Widow**

13gg HPPE/steel/WasteNot™ polyester seamless knit made from 22% recycled post consumer PET bottles, lightweight polyurethane coated palm, snug-fitting knit wrist

Size XS-XXL

\*0.8 - 500mL recycled plastic bottles are used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

EN388 4X42F

ANSI/ISEA 105 A6 6 3

WASTENOT™ SUSTAINABLE

**387 Stealth Orange Crush**

13gg HPPE/glass/steel/ WasteNot™ polyester seamless knit made from recycled post consumer PET bottles, first layer waterproof full dip flat nitrile and second layer sandy nitrile palm, water resistant treatment lasts up to five washes, snug-fitting knit wrist

Size S-XXL

\*1.5 - 500mL recycled plastic bottle is used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

EN388 4X42E

ANSI/ISEA 105 A5 5 4

WASTENOT™ SUSTAINABLE

**388 Stealth Cyclone**

18gg HPPE / WasteNot™ polyester seamless knit made from 12% (+/-2%) recycled post consumer PET bottles, premium sandy nitrile palm with reinforced thumb saddle, conductive coating can be used on all touchscreen devices, treated to bead water off which lasts up to 5 washes, snug-fitting seamless knit wrist

Size XS-XXL

\*0.67 - 500mL recycled plastic bottle is used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 105 A2 4 3

WASTENOT™ SUSTAINABLE

**357TPR Stealth Dog Fight**

18gg HPPE/steel/WasteNot™ polyester seamless knit made from 20% recycled post consumer PET bottles, TPR on back of hand, conductive coating on palm and fingers can be used on all touchscreen devices, hi-vis sandy nitrile coated palm and thumb saddle, seamless knit wrist

Size S-XXL

\*0.8 - 500mL recycled plastic bottles are used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 2

EN388 4X42EP

ANSI/ISEA 105 A6 6 3

WASTENOT™ SUSTAINABLE

**387TPR Stealth Orange Crush**

13gg HPPE/glass/steel/ WasteNot™ polyester seamless knit made from recycled post consumer PET bottles, first layer water resistant full dip flat nitrile and second layer sandy nitrile palm, rubber on back of hand, treated to bead water off which last up to 5 washes, snug-fitting knit wrist

Size XS-XXL

\*1.5 - 500mL recycled plastic bottle is used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 2

EN388 4X42EP

ANSI/ISEA 105 A5 5 4

WASTENOT™ SUSTAINABLE

**378 Stealth Scorpion**

15gg HPPE/steel/nylon/spandex shell, lightweight polyurethane coated palm, touchscreen compatible coating can be used on all touchscreen devices, snug-fitting knit wrist

Size S-XXL

EN388 4X42E

ANSI Cut A5 - F2992-15

**RATINGS | TECHNOLOGIES**

EN 407 X1XXXX

EN388 4X42E

ANSI/ISEA 105 A5 4 4

**9390 Stealth Mach 5**

Nylon/glass/acrylic shell with 7gg brushed seamless knit terry liner, 3/4 dipped, PVC coating, snug-fitting knit wrist

Size M-XXL

EN388 3X42C

ANSI Cut A4 - F2992-15

EN511 02X

1605 Grams

**RATINGS | TECHNOLOGIES**

EN388 3X42C

EN511 02X

ANSI/ISEA 105 A4 3 3



EVERYTHING YOU NEED TO KNOW ABOUT THE NEW  
**ANSI 105 CHANGES**



**BLACK OPS**

#9393

**STEALTH**

LG



EN 388:2016



2X43D

EN 511



X21

**ANSI/ISEA 105**



Cut Levels: **A1-A9**

Puncture Levels: **0-5**

Abrasion Levels: **0-6**



EN388:2016



EN388



2 X 4 3 D -

Abrasion Resistance Rating: **Level 1-4**

Cut Resistance Rating (Coups): **X**

Tear Resistance Rating (Newtons): **Level 1-4**

Puncture Resistance Rating (Newtons): **Level 1-4**

Cut Resistance Rating (TDM Score): **A-F**

Impact Resistance Rating: **P, F or X**

(P for 'Pass', F for 'Fail', or X can be displayed for 'not tested')



# CUT RESISTANT

UPDATED



## 9398TPR Stealth Triple Threat

Acrylic lining, 15gg glass/nylon/steel seamless knit shell made from 9% (+/-2%) recycled post consumer PET bottles, waterproof double dipped 3/4 dip flat nitrile/foam nitrile coating, heavy duty TPR on back of hand, snug-fitting knit wrist

Size S-XXL

\*2.8 - 500mL recycled plastic bottle is used to make one pair of gloves



STEALTH

RATINGS I  
TECHNOLOGIES



## 9398 Stealth Triple Threat

Cut resistant 10GG HPPE/glass/steel/ acrylic liner, 15gg WasteNot™ polyester knit made from 20% recycled post consumer PET bottles, first layer full dip flat nitrile and second layer 3/4 dip foam nitrile, treated to bead off water which lasts up to 5 washes, snug-fitting knit wrist

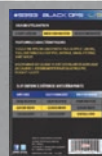
Size S-XXL

\*2.5 - 500mL recycled plastic bottle is used to make one pair of gloves



STEALTH

RATINGS I  
TECHNOLOGIES



## 9393 Stealth Black Ops

Acrylic lining, 15gg glass/nylon seamless knit shell, water resistant double dipped full dip flat latex/foam latex coating, snug-fitting knit wrist

Size S-XXL

EN388 2X43D

EN511 X21

ANSI A4 - F2992-15



STEALTH

RATINGS I  
TECHNOLOGIES



## 455 Triple Shot

ANSI A3 nylon/glass liner, hi-vis yellow fully coated PVC with sandy finish, proprietary rubber on back of hand, 30cm gauntlet style cuff

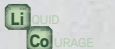
Size L-XXL

EN374-1:2016 - KLT

EN388 4X32BP

ANSI Cut A3

1270 Grams



RATINGS I  
TECHNOLOGIES



TABLEAU DES GRANDEURS

# WATSON SIZING CHART



## Using a ruler

To determine hand size with a ruler keep fingers close together and measure the width across the knuckle region. Use the chart above to match the hand width measurement to its corresponding size (e.g. a hand measuring somewhere between 7.5 cm and 8.5 cm will require a medium size glove).

## To determine the best fit

Place your right palm on the size chart with your fingers closely together. Measure the width of your hand by aligning the knuckle of your index finger beside the red line.

## Pour déterminer la bonne grandeur

Placez votre paume droite sur le tableau des grandeurs, vos doigts rapprochés. Mesurez la largeur de votre main en alignant la jointure de votre index sur la ligne rouge.

Place hand here. Align knuckle of index finger to red line.

Placez votre main ici. Alignez la jointure de votre index sur la ligne rouge.

## SCALE

If you print this chart please ensure that it is to the correct scale

Si vous imprimez ce tableau, vérifiez qu'il est à la bonne échelle

5 cm

1 cm

1 in

2 in

XXS	XS	S	M	L	XL	XXL
TTP	TP	P	M	G	TG	TTG
7	8	9	10	11	12	13

0 cm to 5.5 cm	5.5 cm to 6.5 cm	6.5 cm to 7.5 cm	7.5 cm to 8.5 cm	8.5 cm to 9.5 cm	9.5 cm to 10.5 cm	10.5 cm to 11.5 cm
----------------	------------------	------------------	------------------	------------------	-------------------	--------------------



# CUT RESISTANT



**NEW**




**3773 Powerline**

Dryhide™ water resistant cowhide leather palm and back, stitched with Kevlar® thread, cut resistant Cutshield™ liner made from a blend of P-aramid, steel and polyester, reinforced index finger and palm patches, snug-fitting shirred elastic wrist, 4" band cuff with a 2" flame resistant reflective strip

Size S-XXXL

**RATINGS | TECHNOLOGIES**

EN 407 4XXXXX EN388 2X34F ANSI/ISEA 105 A6 5 5 DRYHIDE

**NEW**




**3774 Powerline**

Dryhide™ water resistant cowhide leather palm and back, stitched with Kevlar® thread, cut resistant Cutshield™ liner made from a blend of P-aramid, steel and polyester, reinforced index finger and palm patches, snug-fitting shirred elastic wrist, 3" gauntlet style cuff with leather gore and flame resistant reflective strip

93774 3M Thinsulate™ C100 lining

Size XS-XXXL

**RATINGS | TECHNOLOGIES**

EN 407 4XXXXX EN388 2X34F ANSI/ISEA 105 A6 5 5 DRYHIDE

**NEW**




**3775 Powerline**

Dryhide™ water resistant cowhide leather palm and back, stitched with Kevlar® thread, cut resistant Cutshield™ liner made from a blend of P-aramid, steel and polyester, reinforced index finger and palm patches, snug-fitting shirred elastic wrist, 6" gauntlet style cuff with leather gore and flame resistant reflective strip

93775 3M Thinsulate™ C100 lining

Size XS-XXXL

**RATINGS | TECHNOLOGIES**

EN 407 4XXXXX EN388 2X34F ANSI/ISEA 105 A6 5 5 DRYHIDE

**NEW**




**937751F Powerline 1 Finger**

3M Thinsulate™ C100 palm/C200 back lining, Cutshield™ cut resistant liner made from a blend of P-aramid, steel and polyester fibres, Dryhide™ water resistant cowhide leather, stitched with Kevlar® thread, one finger mitt style, 6" gauntlet style cuff with gore, flame resistant reflective strip

Size M-XXL

**RATINGS | TECHNOLOGIES**

EN 407 4XXXXX EN388 3X34F ANSI/ISEA 105 A7 4 5 DRYHIDE




**9549TPR1F Van Goat**

3M Thinsulate™ C100 lining with an additional layer of microfleece, Cutshield™ premium P-aramid/steel/polyester liner, Dryhide™ water and oil resistant full-grain goatskin leather, flame resistant heavy duty rubber on back of hand, fingers and wrist, stitched with Kevlar® thread, one finger mitt style with wing thumb, gauntlet style cuff

Size M-XXL

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 2 2X43FP EN388 2X34FP ANSI/ISEA 105 A7 5 5 DRYHIDE




**547 Van Goat**

Cutshield™ P-aramid/steel/polyester liner, Dryhide™ water and oil resistant full-grain goatskin leather, drivers style with inset thumb, snug-fitting shirred elastic wrist, slip-on style cuff

Size XXS-XXL

**RATINGS | TECHNOLOGIES**

ARC FLASH ATPV=32CAL/CM² 3 3X32F EN388 3X32F ANSI/ISEA 105 A7 5 4 DRYHIDE

## WasteNot™

WasteNot™ is yarn that is made from 100% recycled plastic PET (polyethylene terephthalate – a form of polyester) bottles. Plastic bottles made from PET are recycled and turned into polyester to make our sustainable gloves. These gloves help the environment without the compromise in quality and performance.





# CUT RESISTANT

**NEW**



**005CR Flextime**

Dryhide™ water resistant full-grain goatskin leather palm, WasteNot™ spandex back made from 96% recycled post consumer PET bottles, Cutshield™ Para-aramid/steel/polyester liner, touchscreen compatible fingertips can be used on all touch screen devices, snug-fitting elastic wrist and secure Velcro® closure

Size S-XXL

*\*Two- 500mL recycled plastic bottles are used to make one pair of gloves*

**RATINGS | TECHNOLOGIES**

EN388 3X32E ANSI/ISEA 105 A6 4 4 WASTENOT™ SUSTAINABLE



**549 Van Goat**

Cutshield™ Para-aramid/steel/polyester liner, Dryhide™ water and oil resistant full-grain goatskin leather, gunn cut, wing thumb, pulse protector, snug-fitting shirred elastic wrist, gauntlet style cuff

Size M-XXL

**RATINGS | TECHNOLOGIES**

3 ARC FLASH ATPV=32CAL/CM² EN388 2X33F ANSI/ISEA 105 A6 5 4



**547TPR Van Goat**

Cutshield™ premium P-aramid/steel/polyester liner, Dryhide™ water and oil resistant full-grain goatskin leather, flame resistant heavy duty rubber on back of hand, fingers and wrist, stitched with Kevlar® thread, drivers style with ergonomic inset thumb, snug-fitting shirred elastic wrist

9547TPR 3M Thinsulate™ C100 lining

Size XXS-XXXL

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 2 3 ARC FLASH ATPV=32CAL/CM² EN388 3X34FP ANSI/ISEA 105 A6 5 5



**549TPR Van Goat**

Full sock Cutshield™ Para-aramid/steel/polyester liner, Dryhide™ water and oil resistant full-grain goatskin leather, flame resistant heavy duty rubber on back of hand, fingers and wrist, stitched with Kevlar® thread, gauntlet style cuff

9549TPR 3M Thinsulate™ C100 lining

9549TPR1F One finger mitt

Size XS-XXXL

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 2 3 ARC FLASH ATPV=32CAL/CM² EN388 3X34FP ANSI/ISEA 105 A6 5 5



**005TPC Flextime**

WasteNot™ spandex back made from 96% recycled post consumer PET bottles, Dryhide™ water-resistant full-grain goatskin leather palm, Cutshield™ ANSI A5 full-sock liner, heavy duty rubber on back of hand and fingertips, conductive fingertips can be used on all touchscreen devices snug-fitting elastic wrist with Velcro® closure

Size S-XXL

*\*Two- 500mL recycled plastic bottle is used to make one pair of gloves*

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 3 EN388 3X33EP ANSI/ISEA 105 A5 4 4 WASTENOT™ SUSTAINABLE



**1051 The Breakdown**

Cutshield™ Para-aramid/steel/polyester liner, WasteNot™ spandex back made from 96% recycled post consumer PET bottles, Durafibre™ microfibre palm and hooded fingertips, silicone printed palm, PVC thumb saddle, heavy duty rubber, conductive fingertips can be used on all touchscreen devices, neoprene cuff with Velcro® closure

Size S-XXL

*\*Two - 500mL recycled plastic bottles are used to make one pair of gloves*

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 3 ANSI/ISEA 105 A5 6 4 EN388 4X33EP WASTENOT™ SUSTAINABLE



**5785G Shock Trooper**

Cutshield™ liner made from P-aramid, steel and modacrylic fibres, Dryhide™ water and oil resistant goatskin leather, D30® iA components for enhanced impact protection, EVA padded palm and wrist patch, stitched with Kevlar® thread, shirred elastic wrist, gauntlet style cuff

Donating \$0.50 per pair to Wounded Warriors Foundation

Size XS-XXXL

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 3 ANSI/ISEA 105 A7 4 EN388 2X43FP D30® PROTECTED



**5785 Shock Trooper**

Cutshield™ liner made from P-aramid, steel and modacrylic fibres, Dryhide™ water and oil resistant goatskin leather, D30® iA components for enhanced impact protection, EVA padded palm and wrist patch, stitched with Kevlar® thread, snug-fitting shirred elastic wrist

Donating \$0.50 per pair to Wounded Warriors Foundation

Size XS-XXXL

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 138 3 ANSI/ISEA 105 A7 4 EN388 2X43FP D30® PROTECTED



# GREAT OF GOAT ALL TIME

— SERIES —



**WATSON  
GLOVES**  
Quality since 1918

## 546TPR SCAPE GOAT | 549TPR & 547TPR VAN GOAT

- Hard-wearing full-grain goatskin leather
- Heavy duty rubber on back of hand, fingers and wrist
- Stitched with Kevlar® thread
- #9545TPR - Lightweight 3M Recycled Thinsulate™ EC100 lining

Size: XS-XXXL

- Full sock Cutshield™ A6 Para-aramid/steel/polyester liner
  - Dryhide™ water and oil resistant full-grain goatskin leather
  - Heavy duty rubber
  - Stitched with Kevlar® thread
  - #9549TPR - 3M Thinsulate™ C100 lining
- Size: XS-XXXL

- Full sock Cutshield™ A6 Para-aramid/steel/polyester liner
  - Dryhide™ water and oil resistant full-grain goatskin leather
  - Heavy duty rubber
  - Stitched with Kevlar® thread
  - #9547TPR 3M Thinsulate™ C100 lining
- Size: XXS-XXXL



WATSONGLOVES.COM



# CUT RESISTANT



**533CR Black Velvet**

ANSI A5 cut resistant liner, durable elksplit leather back with full-grain reverse palm, stitched with Kevlar®, cotton fleece lined back of hand, left hand leather back patch and pulse protector, gauntlet style cuff with leather gore and snug-fitting shirred elastic wrist, proudly made in our local Burnaby, BC factory

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

CUT RESISTANT

WATER RESISTANT

IMPACT RESISTANT



**527CR Steel Panther**

ANSI A5 cut resistant liner, elk split leather palm and back, stitched with Kevlar® thread, fully wrapped leather index finger, vibration dampening gel padded palm, snug-fitting shirred elastic wrist with 4.5" gauntlet style cuff with leather gore, proudly made in our local Burnaby, BC factory

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

CUT RESISTANT

WATER RESISTANT

IMPACT RESISTANT



**1039CR Meltdown**

ANSI A5 cut resistant liner, elksplit leather back and palm stitched with Kevlar®, cotton fleece lined back of hand, green heat treated cow split leather palm patches and pulse protector, wing thumb, extended gauntlet style cuff with wool lining, proudly made in our local Burnaby, BC factory

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

CUT RESISTANT

WATER RESISTANT

IMPACT RESISTANT



**2780 Thrasher**

Split cowhide leather stitched with Kevlar®, Cutshield™ P-aramid/steel/polyester liner, full-grain leather index finger and inset thumb, gauntlet style cuff with shirred elastic wrist

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

EN388

4X44E

ANSI HEAT 2

CONDUCTIVE



**2782 Fired Up**

Split cowhide leather stitched with Kevlar® thread, Cutshield™ P-aramid/steel/polyester liner, full-grain leather palm, inset thumb and fingertips, gauntlet style cuff with shirred elastic wrist, *made for a woman's hand*

Size S-M

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

CUT RESISTANT

WATER RESISTANT

IMPACT RESISTANT



**9533TCR Black Velvet**

3M Thinsulate™ C100 lining, Cutshield™ P-aramid/steel/polyester liner, durable elksplit leather back with full-grain reverse palm, stitched with Kevlar®, cotton fleece lined back of hand, left hand leather back patch and pulse protector, gauntlet style cuff with leather gore and snug-fitting shirred elastic wrist, proudly made in our local Burnaby, BC factory

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105

A5

CUT RESISTANT

WATER RESISTANT

IMPACT RESISTANT



**9527TCR Steel Panther**

3M Thinsulate™ C100 lining, Cutshield™ P-aramid/steel/polyester liner, elk split leather palm and back, stitched with Kevlar® thread, fully wrapped leather index finger, vibration dampening gel padded palm, snug-fitting shirred elastic wrist with 4.5" gauntlet style cuff with leather gore, proudly made in our local Burnaby, BC factory

Size S-XXL

**HEAVY METAL**

RATINGS | TECHNOLOGIES

ANSI/ISEA 105


A5


CUT RESISTANT


WATER RESISTANT


IMPACT RESISTANT

## ICON LEGEND

 WATER RESISTANT

 CUT RESISTANT

 WINTER

 IMPACT RESISTANT



# CUT RESISTANT



**5782CR Storm Trooper**

Full-grain deerskin leather back with Dryhide™ oil and water resistant cowhide leather palm, stitched with Kevlar®, impact protection heavy duty flame resistant rubber on back of hand and thumbs, cut resistant Cut Shield™ ANSI A5 liner, snug-fitting shirred elastic wrist, "Be safe, be seen" with reflective strip on 3" band cuff

Size S-XXL

**RATINGS | TECHNOLOGIES**

ANSI / ISEA 138 **2** EN388 **2X44EP** ANSI/ISEA 105 **A5** X **5** DRYHIDE™ WASTE NOT™ SUSTAINABLE

**5782GCR Storm Trooper**

Full-grain deerskin leather back with Dryhide™ oil and water resistant cowhide leather palm, stitched with Kevlar®, flame resistant rubber on back of hand, Cutshield™ ANSI A5 liner, gauntlet style cuff with leather gore

Size S-XXL

**ANSI Cut A5 - F2992-15**

**RATINGS | TECHNOLOGIES**

ANSI / ISEA 138 **2** EN388 **2X44EP** ANSI/ISEA 105 **A5** X **5** DRYHIDE™ WASTE NOT™ SUSTAINABLE

**95783CR Storm Trooper Mitt**

3M Thinsulate™ C300 lining (5 finger lining), Cutshield™ premium P-aramid/steel/polyester liner, full-grain cowhide leather back with Dryhide™ oil and water resistant cowhide leather palm, stitched with Kevlar® thread, flame resistant heavy duty rubber on back of hand and thumb, shirred elastic wrist, slip-on style cuff, made in Canada

Size M-XL

**RATINGS | TECHNOLOGIES**

ANSI **A5** CUT DRYHIDE™ WASTE NOT™ SUSTAINABLE

**95783GCR Storm Trooper Mitt**

3M Thinsulate™ C300 lining (5 finger lining), Cutshield™ premium P-aramid/steel/polyester liner, full-grain cowhide leather back with Dryhide™ oil and water resistant cowhide leather palm, stitched with Kevlar® thread, flame resistant heavy duty rubber on back of hand and thumb, shirred elastic wrist, gauntlet style cuff, made in Canada

Size L-XL

**RATINGS | TECHNOLOGIES**

ANSI / ISEA 138 **2** ANSI **A5** CUT DRYHIDE™ WASTE NOT™ SUSTAINABLE

**407GCR Storm**

Dryhide™ oil resistant cowhide palm and back, stitched with Kevlar®, Cutshield™ liner made from P-aramid, steel and modacrylic fibres, gauntlet style cuff, proudly Canadian made

9407GCR 3M Thinsulate™ C100 lining 407CR 3" band cuff

Size S-XXL

**RATINGS | TECHNOLOGIES**

ANSI **A5** CUT DRYHIDE™ WASTE NOT™ SUSTAINABLE

**94071FGCR Ice Storm**

3M Thinsulate™ C200 palm/C300 back lining, Cutshield™ premium P-aramid/steel/polyester liner, Dryhide™ oil resistant cowhide palm and back, one-finger mitt design, stitched with Kevlar®, gauntlet style cuff, proudly made in our local Burnaby, BC factory

Size S-XXL

**RATINGS | TECHNOLOGIES**

ANSI **A5** CUT DRYHIDE™ WASTE NOT™ SUSTAINABLE

**9005CR Flextime**

3M Recycled Thinsulate™ EC60 palm/EC100 back lining made with 78% post consumer recycled materials, Cutshield™ Para-aramid/steel/polyester liner, Dryhide™ water resistant full-grain goatskin leather palm, WasteNot™ spandex back made from 96% recycled post consumer PET bottles, touchscreen compatible

Size S-XXL

\*2.5 - 500mL recycled plastic bottles are used to make one pair of gloves

**RATINGS | TECHNOLOGIES**

ANSI/ISEA 105 **A6** 4 4 EN388 **2X33F** DRYHIDE™ WASTE NOT™ SUSTAINABLE

**034ALY48 Gridlock**

WasteNot™ spandex back made from 96% recycled post consumer PET bottles, ultimate needlestick, cut and puncture resistance, 4/8 Alycore configuration, heavy duty Titanfibre™ palm, palm patches, snug-fitting shirred elastic wrist, slip-on style cuff

034ALY24 - 2/4 Configuration

Size M-XL

\*Three- 500mL recycled plastic bottles are used to make one pair of gloves






**RATINGS | TECHNOLOGIES**

EN388 **4543F** ANSI/ISEA 105 **A9** X **4** WASTE NOT™ SUSTAINABLE





# CUT RESISTANT CHART

N/A		353 Stealth Dynamo!	359 Stealth Stinger	365 Stealth Cobra	388 Stealth Cyclone	367 Stealth Falcon
NOT RECOMMENDED						
FAIR						
GOOD						
EXCELLENT						
EXTREME						
						
RESISTANCE AGAINST BLADE CUTS						
RESISTANCE AGAINST ROUGH EDGES						
NEEDLEPOINT PUNCTURE RESISTANCE*						
DEXTERITY						
FLEXIBILITY						
COMFORT						
RESISTANCE TO ABRASION (EN 388)		4	3	4	4	4
RESISTANCE TO CUT (EN 388)		X	X	X	X	X
RESISTANCE TO TEAR (EN 388)		4	4	3	4	4
RESISTANCE TO PUNCTURE (EN 388)		2	2	1	2	2
ISO 13997 CUT RATING (EN 388)		B <sup>+</sup>	B	B	B	C
RESISTANCE TO IMPACT (EN 388)						
ANSI / ISEA 138 IMPACT RATING						
2016 ANSI CUT RATING (F2992M-15)		A2 (761G)	A2 (582G)	A2 (738G)	A2	A3 (1064G)
ANSI ABRASION RATING		4	4	4	4	4
ANSI PUNCTURE RATING		3	3	2	3	3
ARC FLASH RATING						
FEATURES AND BENEFITS OF THE GRIP	DRY					
	OILY					
	WET					
RECOMMENDED APPLICATIONS		<ul style="list-style-type: none"> <li>• Automotive</li> <li>• Construction</li> <li>• Material handling</li> <li>• Engineering</li> <li>• Assembly</li> <li>• Inspection/ Examination</li> <li>• Moderate cool temp. where protection is still needed</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed assembly</li> <li>• Inspection</li> <li>• Light fabrication and small parts handling</li> <li>• General purpose</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive</li> <li>• Construction</li> <li>• Material handling</li> <li>• Engineering</li> <li>• Assembly</li> <li>• Inspection/ Examination</li> <li>• Moderate cool temperatures where protection is still needed</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive</li> <li>• Construction</li> <li>• Material handling</li> <li>• Engineering</li> <li>• Assembly</li> <li>• Inspection/ Examination</li> <li>• Moderate cool temperatures where protection is still needed</li> </ul>	<ul style="list-style-type: none"> <li>• Material handling</li> <li>• Cargo loading /unloading</li> <li>• Oil &amp; gas</li> <li>• Drilling</li> <li>• Mining</li> <li>• Demolition</li> <li>• Heavy construction</li> <li>• Mechanics</li> </ul>









17





# CUT RESISTANT CHART

N/A		407CR Storm	407GCR Storm	5782CR Storm	5782GCR	005TPC	357 Stealth
NOT RECOMMENDED		9407CR Lined	9407GCR	Trooper	Storm	Flextime	Dog Fight
FAIR		Version	Lined		Trooper		
GOOD			Version				
EXCELLENT							
EXTREME							
							
RESISTANCE AGAINST BLADE CUTS							
RESISTANCE AGAINST ROUGH EDGES							
NEEDLEPOINT PUNCTURE RESISTANCE*							
DEXTERITY							
FLEXIBILITY							
COMFORT							
RESISTANCE TO ABRASION (EN 388)				2	2	3	4
RESISTANCE TO CUT (EN 388)				X	X	X	X
RESISTANCE TO TEAR (EN 388)				4	4	3	4
RESISTANCE TO PUNCTURE (EN 388)				4	4	3	2
ISO 13997 CUT RATING (EN 388)				E	E	E	E
RESISTANCE TO IMPACT (EN 388)				P	P	P	
ANSI / ISEA 138 IMPACT RATING				2	2	3	
2016 ANSI CUT RATING (F2992M-15)		A5	A5	A5	A5	A5	A6
ANSI ABRASION RATING						4	4
ANSI PUNCTURE RATING				5	5	4	3
ARC FLASH RATING							
FEATURES AND BENEFITS OF THE GRIP	DRY						
	OILY						
	WET						
RECOMMENDED APPLICATIONS		<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Oil and Gas</li> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Oil and Gas</li> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Building and construction</li> <li>• Sheet metal handling</li> <li>• Glass industry</li> <li>• Automotive</li> <li>• Material handling</li> <li>• Engineering</li> <li>• Assembly / inspection</li> </ul>









19





# CUT RESISTANT CHART

N/A		2780 Thrasher	2782 Fired up	527CR Steel Panther	549 Van Goat	9549 Lined Version	384 Stealth Black Widow
NOT RECOMMENDED							
FAIR							
GOOD							
EXCELLENT							
EXTREME							
							
RESISTANCE AGAINST BLADE CUTS							
RESISTANCE AGAINST ROUGH EDGES							
NEEDLEPOINT PUNCTURE RESISTANCE*							
DEXTERITY							
FLEXIBILITY							
COMFORT							
RESISTANCE TO ABRASION (EN 388)		4	2		3	3	4
RESISTANCE TO CUT (EN 388)		X	X		X	X	X
RESISTANCE TO TEAR (EN 388)		4	3		3	4	4
RESISTANCE TO PUNCTURE (EN 388)		4	2		3	4	2
ISO 13997 CUT RATING (EN 388)		E	E		F	F	F
RESISTANCE TO IMPACT (EN 388)							
ANSI IMPACT RATING							
2016 ANSI CUT RATING (F2992M-15)		A5	A5	A5	A6	A7	A6
ANSI ABRASION RATING					5	5	6
ANSI PUNCTURE RATING		5	3		5	5	3
ARC FLASH RATING					3/ 32CAL		
FEATURES AND BENEFITS OF THE GRIP	DRY						
	OILY						
	WET						
RECOMMENDED APPLICATIONS		<ul style="list-style-type: none"> <li>• Welding</li> </ul>	<ul style="list-style-type: none"> <li>• Welding</li> </ul>	<ul style="list-style-type: none"> <li>• Welding</li> </ul>	<ul style="list-style-type: none"> <li>• Utilities</li> <li>• Barbed Wire</li> <li>• Welding</li> <li>• Steel factories</li> <li>• Sheet Metal handling</li> </ul>	<ul style="list-style-type: none"> <li>• Utilities</li> <li>• Barbed Wire</li> <li>• Welding</li> <li>• Steel factories</li> <li>• Sheet Metal handling</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>









\*\*\* ATPV = 36CAL/CM2      + ISO 13997 cut rating is converted from ASTM F2992-15 cut rating      \*25 Gauge Hypodermic Needle tested in accordance with ASTM F2878-10










# CUT RESISTANT CHART

N/A		549TPR Van Goat	547 Van Goat	9547TPR Van Goat	9549TPR Van Goat	9549TPR1F Van Goat 1 Finger	9547 Van goat
NOT RECOMMENDED							
FAIR							
GOOD							
EXCELLENT							
EXTREME							
RESISTANCE AGAINST BLADE CUTS							
RESISTANCE AGAINST ROUGH EDGES							
NEEDLEPOINT PUNCTURE RESISTANCE*							
DEXTERITY							
FLEXIBILITY							
COMFORT							
RESISTANCE TO ABRASION (EN 388)		3	3	3	3	3	3
RESISTANCE TO CUT (EN 388)		X	X	X	X	X	X
RESISTANCE TO TEAR (EN 388)		3	3	4	4	4	4
RESISTANCE TO PUNCTURE (EN 388)		4	3	4	4	4	4
ISO 13997 CUT RATING (EN 388)		F	F	F	F	F	F
RESISTANCE TO IMPACT (EN 388)		P		P	P	P	
ANSI IMPACT RATING		2		2	2	2	
2016 ANSI CUT RATING (F2992M-15)		A6	A6	A7	A7	A7	A7
ANSI ABRASION RATING		5	5	5	5	5	5
ANSI PUNCTURE RATING		5	4	5	5	5	5
ARC FLASH RATING		3/ 32CAL	3/ 32CAL	3/ 32CAL	3/ 32CAL		
FEATURES AND BENEFITS OF THE GRIP	DRY						
	OILY						
	WET						
RECOMMENDED APPLICATIONS		<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>	<ul style="list-style-type: none"> <li>• Sheet metal handling</li> <li>• Cargo loading /unloading</li> <li>• Forestry</li> <li>• Mining</li> <li>• Demolition</li> <li>• Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>



# CUT RESISTANT CHART



9005CR Flextime	5785 Shock Trooper	5785G Shock Trooper	034ALY48 Gridlock	005CR Flextime
				
			(F)8.7N (P)12.8N	
2	2	2	4	3
X	X	X	5	X
3	4	4	4	3
3	3	3	3	3
F	F	F	F	E
	P	P		
	3	3		
A6	A7(4622G)	A7(4622G)	A9 (8800G PALM)	A6
4	4	4		4
4	4	4	4	4
<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> <li>• Anywhere there is a risk for cut</li> </ul>	<ul style="list-style-type: none"> <li>• Oil and Gas</li> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Oil and Gas</li> <li>• Heavy construction</li> <li>• Mining</li> <li>• Demolition</li> </ul>	<ul style="list-style-type: none"> <li>• Waste management</li> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Anywhere cut &amp; needlestick resistance is required</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy construction</li> <li>• Metal handling</li> <li>• Glass handling</li> <li>• Transportation vehicle maintenance</li> </ul>





## Our Story

### Watson in a Nutshell

With a century of experience, Watson Gloves is North America's single source for hand protection at work, at home, at play. Our team of glove specialists gets tremendous satisfaction from working with our customers to find the perfect hand protection for just about any task imaginable. Whether we source our gloves from the world's finest manufacturers, or hand-craft them in our local factory, every pair of gloves we sell has been selected for top-of-the-line materials, design and craftsmanship. Try on a pair of Watson gloves. Your hands will thank you!

### 2 Man Show to International Operation

In April 1918, John Watson and Wayne Stanley started a small business selling hand-crafted gloves to Vancouver's dock workers. Today, over a 100 years later, Watson Gloves has grown across North America. We are among the country's leaders of distributing hand protection; offering the widest range of quality gloves for work, home and play.

How did we get here? We have stayed true to our founders' belief that quality materials and above-and-beyond customer service go hand-in-glove. We still make gloves. In fact, our artisans – with an average 20 years' experience – put the same level of dedication and craftsmanship into every pair of gloves we make, as did our founders.

Perhaps more importantly, we have expanded our horizons to keep up with our customers' changing needs. Our talented buyers travel the world over in search of the most innovative materials and designs so that we can offer the best gloves for any task: at work, at home, at play. From bustling cities to remote corners of our country and countries across the Atlantic, our team of sales reps and efficient distribution system make it easy to protect the hands of our customers.

At Watson Gloves, we do one thing, and we do it extremely well: we are the glove experts. Mr. Watson and Mr. Stanley would be proud to know that, even as we continue to grow, we continue to earn our reputation as Canada's single source for hand protection.

### Our Commitment

At Watson Gloves, quality materials and above-and-beyond customer service go hand-in-glove. You can count on Watson for:

**Quality** Every pair of gloves we sell has been hand-selected for top-of-the-line materials, design, and craftsmanship.

**Service with a Smile** Our experienced team of specialists is committed to our customers' complete satisfaction with each and every pair of Watson gloves purchased.

**Innovation** We commit to staying one step ahead of our customers; anticipating their needs and bringing the most advanced gloves for just about any job imaginable.

## Contact Us

#### Head Office - Burnaby

T 800.663.9509

F 604.875.9009

[sales@watsongloves.com](mailto:sales@watsongloves.com)

#### Mississauga

T 888.715.4299

F 905.363.0730

[toronto@watsongloves.com](mailto:toronto@watsongloves.com)

#### Calgary

T 800.363.7462

F 403.236.7919

[calgary@watsongloves.com](mailto:calgary@watsongloves.com)

#### USA

T 877.377.4111

[USSales@watsongloves.com](mailto:USSales@watsongloves.com)