



PROTECTIVE INDUSTRIAL PRODUCTS



G-Tek[®]
PolyKor[™]

ANSI EN 388 16-X570
A4 CUT 4542 L



PolyKor
XRYSTAL
ENGINEERING

REDEFINING CUT PROTECTION

WORK SAFELY. WORK SECURELY. WORK CONFIDENTLY.



TIME-PROVEN PERFORMANCE

BRA

CUT R



PolyKor™
XRYSTAL™

PolyKor™

Suprene™

KEV™



**IF YOU'RE NOT WEARING CUT PROTECTIVE GLOVES –
THEN WHAT KIND OF PROTECTION ARE YOU WEARING?**

G-Tek[®] represents the Safety industry's most comprehensive line of Coated Seamless Knit gloves. For over 30 years of PIP has invested in G-Tek products evolving them from simple cotton knits to the most advanced gloves that combine engineered yarns, advanced ergonomic design and coating elastomers.

Maxiflex[®] Cut is the perfect synergy of ergonomics along with proprietary manufacturing and materials to produce, what everyone agrees are: **The World's Most Comfortable Gloves.**

CE EQUATES TO IND TRUST



RESISTANT GLOVES



3GX[®]

MaxiFlex[®]
CUT™

MaxiCut[®]
ULTRA™

MaxiCut[®]

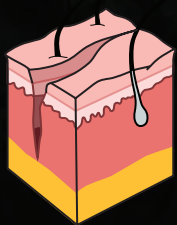
WORK SAFELY. WORK SECURELY. WORK CONFIDENTLY.

HAND TRAUMA

COMES IN MANY FORMS

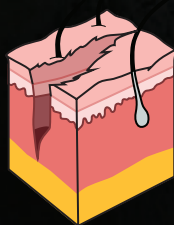
G-Tek and Maxiflex Cut Resistant gloves are designed to help protect against multiple forms of hand trauma

DETERMINE CUT RISK



INCISION

Cut caused by razor sharp edge - wound is "neat" and edges of the skin are smooth



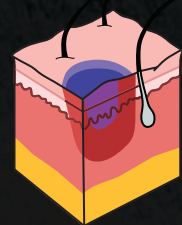
LACERATION

Cut caused by jagged or rough edge - wound is torn open



ABRASION

Wound in which skin is scraped or rubbed off by a flat rough edge



CONTUSION

Wound where skin is not penetrated, blood vessels under skin are broken. Typically caused by impact





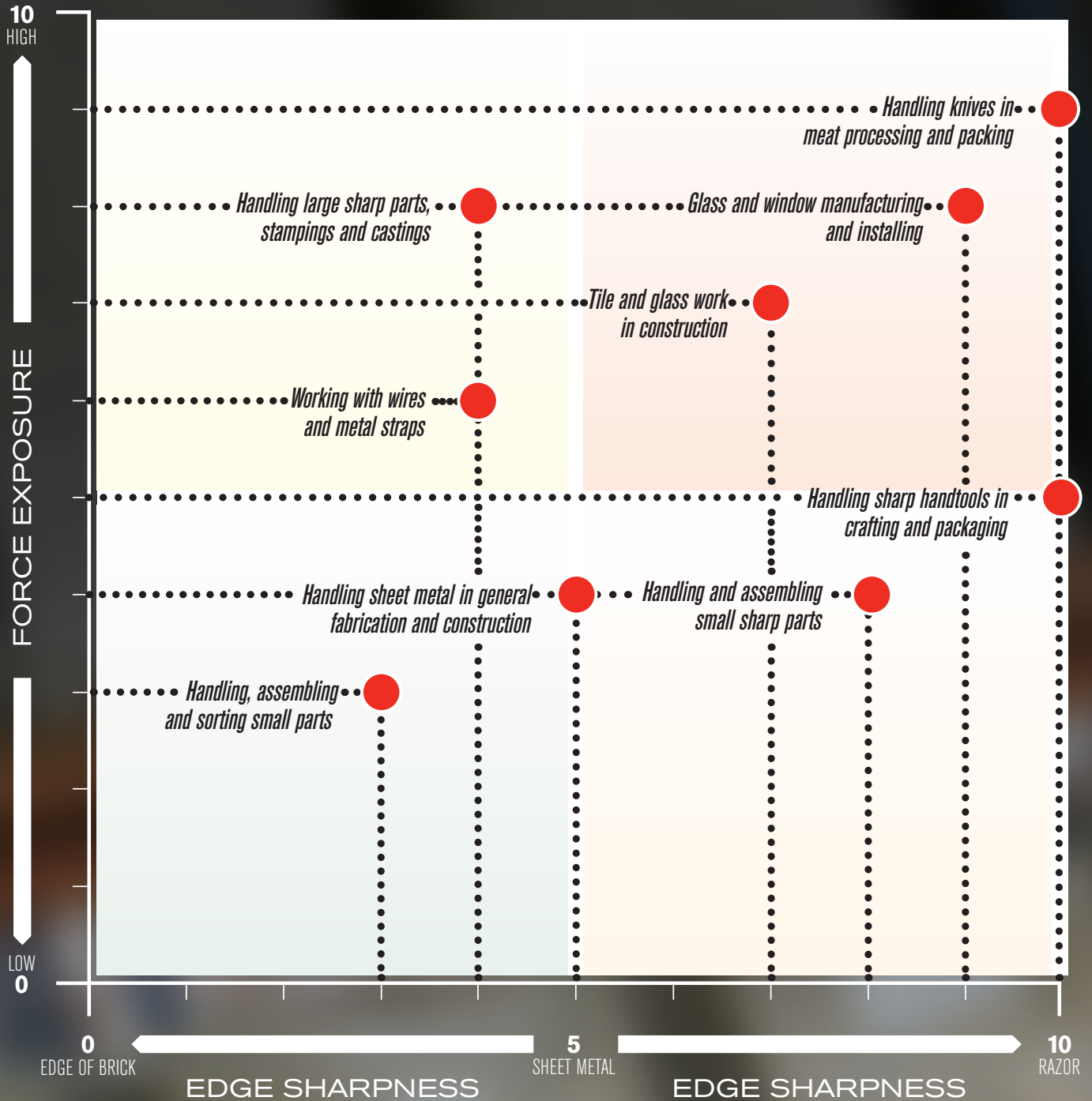
THICKER, TOUGHER COATING

resists tears and protects against abrasion cuts when rough edge contact is part of the task



MAXIMUM GRIP COATING

necessary to prevent slippage and any chance of contact with sharp edges



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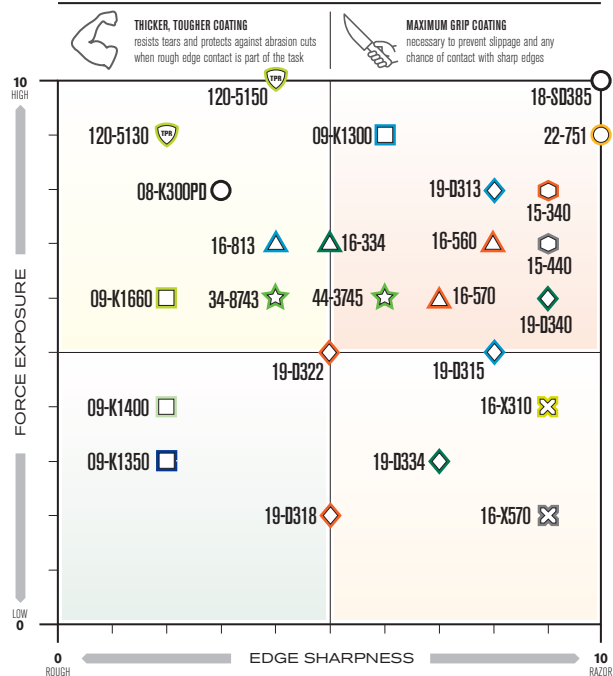
WHAT IS YOUR CHR: FACTOR™?

CALCULATING THE CHR: FACTOR™

We've equated cut score factors with real world tasks and applications as examples. By plotting the tasks and applications, we determine a CUT Risk Hazard Factor™ (CRH: Factor™). The CRH: Factor™ is a comparative indicator that helps safety managers determine the level of potential hazard related to the task or application.

CRH: FACTOR	TASK
9:10	HANDLING KNIVES IN MEAT PROCESSING AND PACKING
8:9	GLASS AND WINDOW MANUFACTURING AND INSTALLING
7:7	TILE AND GLASS WORK IN CONSTRUCTION
8:4	HANDLING LARGE SHARP PARTS, STAMPINGS AND CASTINGS
6:4	WORKING WITH WIRES AND METAL STRAPS
5:10	HANDLING SHARP HANDTOOLS IN CRAFTING AND PACKING
4:8	HANDLING AND ASSEMBLING SMALL SHARP PARTS
4:5	HANDLING SHEET METAL IN GENERAL FABRICATION AND CONSTRUCTION
3:3	HANDLING, ASSEMBLING AND SORTING SMALL PARTS

CRH: FACTOR
5:10



CONFIDENCE IN CHOOSING THE
RIGHT PROTECTION

CUT RISK HAZARD SELECTOR™

We've plotted select PIP Cut Resistant gloves to demonstrate how the CRH: Factor™ quickly helps in assessing the optimal product for the specific job conditions. **Our goal is to guide safety managers to actual product selection.**

Only selected styles plotted.

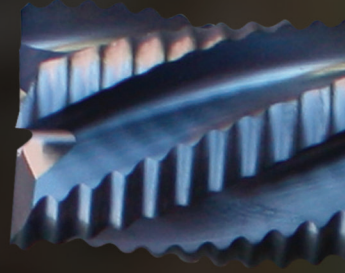
MATERIAL

- ✕ POLYKOR® XRYSTAL™
- △ POLYKOR®
- ⬡ SUPRENE™
- KEV®
- ◇ 3GX®
- ☆ ATG®
- ⬢ HPPE
- KUT GARD®

COATING

- LATEX CRINKLE
- LATEX MICROFINISH
- NITRILE FOAM
- NITRILE MICROFOAM
- NITRILE MICROSURFACE
- NITRILE SMOOTH
- NEOFOAM
- POLYURETHANE SMOOTH
- PVC TEXTURE
- SILAGRIP

WORK SAFELY. WORK SECURELY. WORK CONFIDENTLY.



PROTECTION WORKERS WANT TO WEAR.
THAT'S OUR GOAL.

It is more than just about cut protection. It is about cut protection to meet every need. How much protection do you really get with a leather glove or even a glove rated as "General Purpose"?

ADVANCED FIBER & YARN TECHNOLOGIES TO MEET EVERY NEED



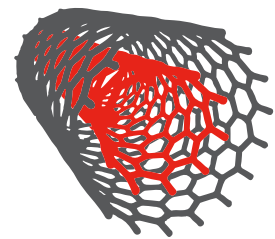
G-Tek[®]
PolyKor™
XRYSTAL™

Represents the latest iteration of PolyKor™ in which it is combined with naturally hardened crystallized minerals. The result is a super tough, durable, cut resistant fiber that is at the apex of performance.



G-Tek[®]
PolyKor™

PolyKor™ Engineered Yarns optimize performance, function, and protection using proprietary blends of select fibers to exceed industry standards. The ultimate objective is affordable cut resistant gloves for practically every application.

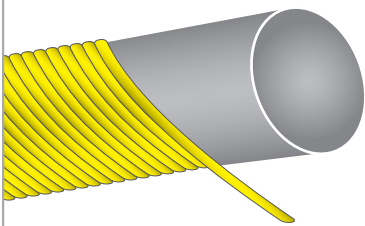


G-Tek[®]
Suprene™

Latest breakthrough in nanofabrication has resulted in Suprene™ – an affordable fiber with unparalleled strength and physical properties.

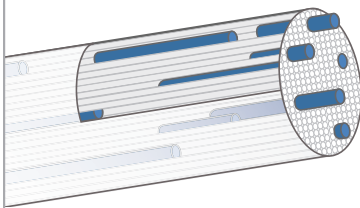


TECHNOLOGIES YOU NEED



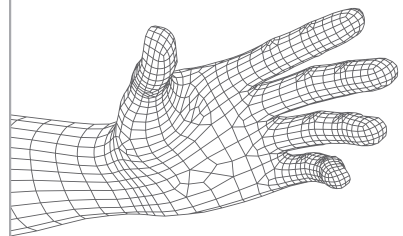
G-Tek[®]
KEV[™]

Takes the power of DuPont™ Kevlar and combines it with metal core technology for maximum cut strength and protection in light heat applications.



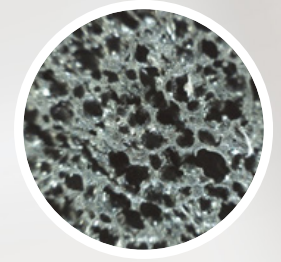
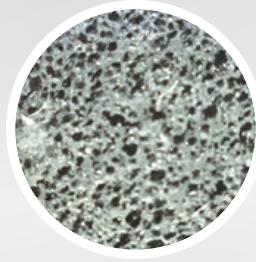
G-Tek[®]
3GX[®]

Embedded micro-particles strengthen fibers by up to two times, for higher cut scores. 3GX offers cool touch comfort and lightweight for improved productivity.



MaxiFlex[®]
CUT[™]

Maxiflex Cut gloves synergize proprietary yarns with advance glove design - applying coatings technologies and processes that are above-and-beyond when compared to conventional coatings and manufacturing processes. The result is the ultimate in comfort and durability.



MICROSURFACE

2 LAYERS

- Flexible and tough
- No Breathability

1 LAYER

- Thin and maximum dexterity
- Slight Breathability

MICRO-FOAM

1 LAYER

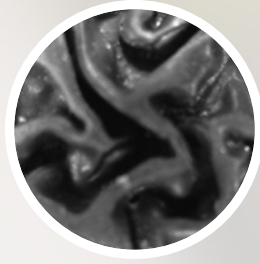
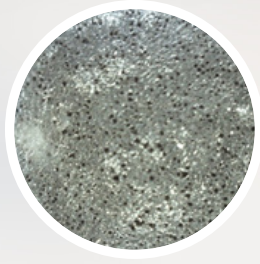
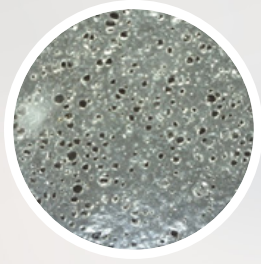
- Thin and tough-wearing
- Maximum 360° Breathability

A COMPLETE LINE OF COATINGS

Grip, is key preventing razor sharp objects from slipping and making contact with hands or arms. Polymer coatings offer some degree of extra protection. Thicker, tougher materials such as Latex and Nitrile offer good protection when handling heavier objects with rough edges or burrs. Coatings, however, will slice easily with razor sharp blade and cannot be relied upon for extra cut protection.

GET A GRIP

ON CUT PROTECTION



FOAM

1 LAYER

- Flexible and tough
- Fair Breathability

NEOFOAM

1 LAYER

- Highly flexible and tough
- Good Breathability

CRINKLE

1 LAYER

- Flexible and tough
- No Breathability

FLAT/SMOOTH

1 LAYER

- Flexible and tough
- Fair Breathability

LIKE NEVER SEEN BEFORE

COATING	LAYERS		DRY GRIP			SUCTION ACTION ON WET/OILY	BREATHABILITY			DURABILITY			LIQUID PENETRATION		
	1	2	Fair	Good	Excellent		None/Slight	Fair	Good	Maximum 360°	Low	Medium	High	None	Minimal
BY PIP															
MICROSURFACE* Latex Nitrile top layer		•		•		Good, oily surfaces	•				•		•		
MICROSURFACE* Latex Latex top layer		•			•	Good, wet surfaces	•					•	•		
MICROSURFACE* Nitrile	•		•			Good, oily surfaces		•			•			•	
FOAM Nitrile	•			•		Fair, wet or oily surfaces		•				•			•
NEOFOAM Co-Polymer	•			•		Good, wet or oily surfaces			•			•			•
CRINKLE Latex	•				•	Good, wet surfaces	•					•	•		
FLAT/SMOOTH Nitrile	•				•	Fair, wet or oily surfaces	•				•		•		
FLAT/SMOOTH Polyurethane	•			•		Good, wet or oily surfaces		•		•					•
BY ATG															
MICRO-FOAM Nitrile Proprietary Formulation	•			•		Superior, wet or oily surfaces			•			•			•

MicroSurface is equivalent to MicroFinish™ by Towa.



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