



*PROTECTIVE INDUSTRIAL PRODUCTS*



**G-Tek<sup>®</sup>**  
**PolyKor<sup>™</sup>**

ANSI EN 388 16-X570  
A4 CUT 4542 L



PolyKor  
XRYST  
ENGINEER

# REDEFINING CUT PROTECTION

WORK SAFELY. WORK SECURELY. WORK CONFIDENTLY.



TIME-PROVEN PERFORMANCE

BRA

CUT R

**G-Tek**<sup>®</sup>

PolyKor<sup>™</sup>  
XRYSTAL<sup>™</sup>

PolyKor<sup>™</sup>

Suprene<sup>™</sup>

KEV<sup>™</sup>



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 ND 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



**G-Tek**<sup>®</sup>  
**3GX**<sup>®</sup>  
ANSI EN 388  
**A4**  
19-D3400R  
**L**  
**CUT 4544**  
**HPD**

# PIP INTRODUCES THE WORLD TO THE CUT RISK HAZARD MATRIX™

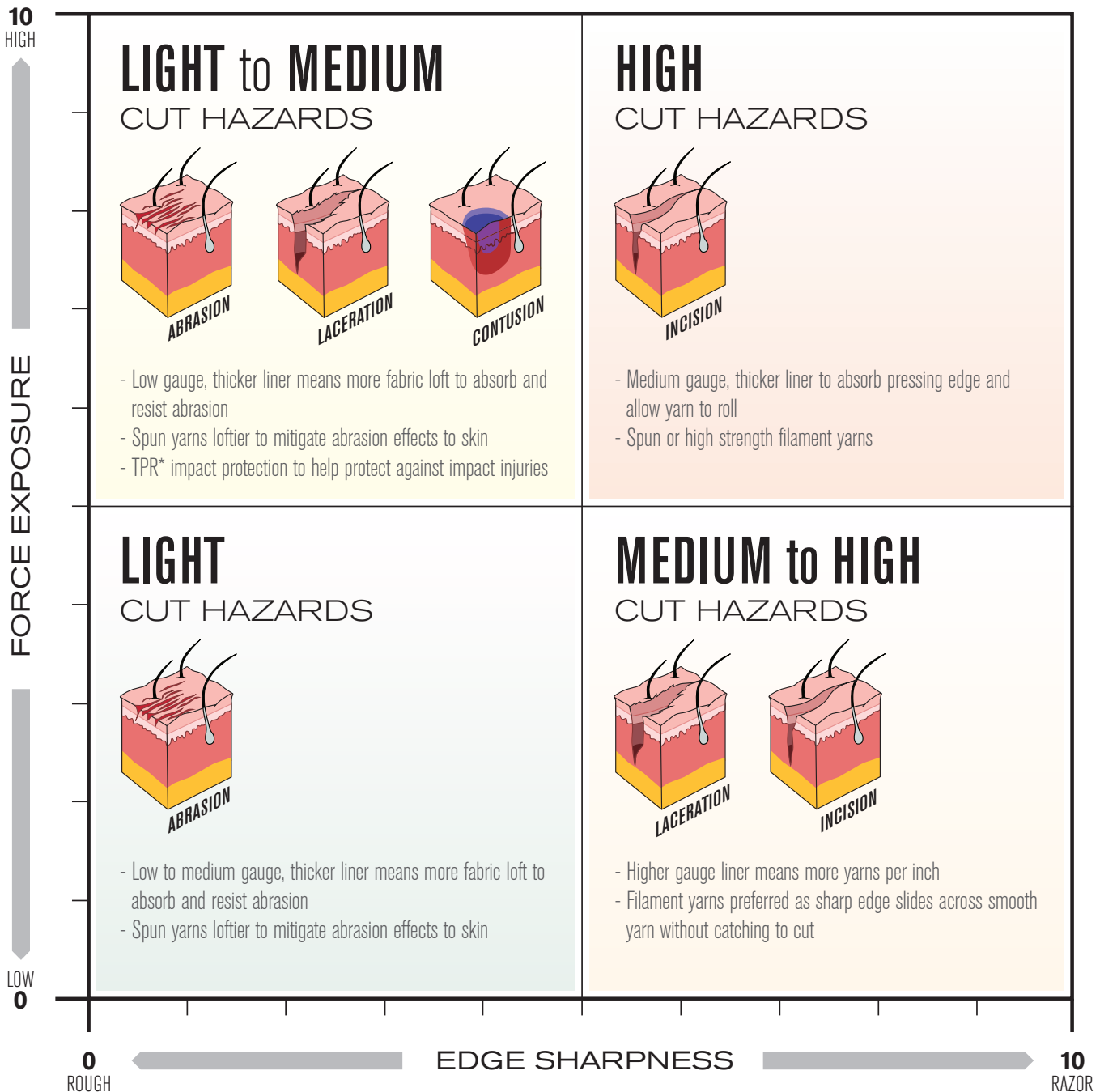
The **CUT Risk Hazard Matrix™** is a unique and logical method to guide users in selecting a glove or sleeve with the right cut resistant material and score. Once a safety manager can identify where their application fits on the **CUT Risk Hazard Matrix™**, they can more confidently correlate the task to the glove or sleeve best suited for their job.



**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





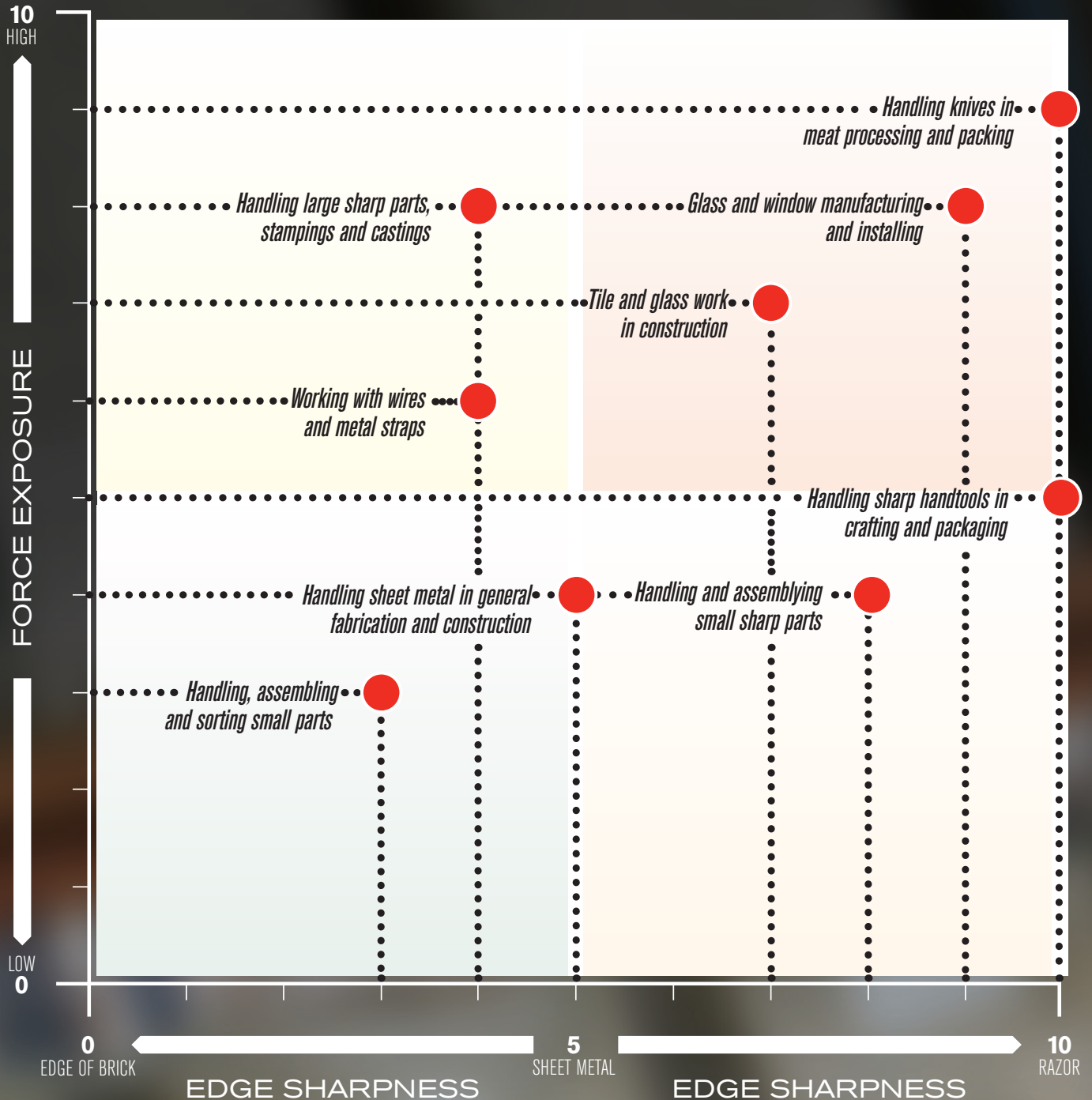
### THICKER, TOUGHER COATING

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### MAXIMUM GRIP COATING

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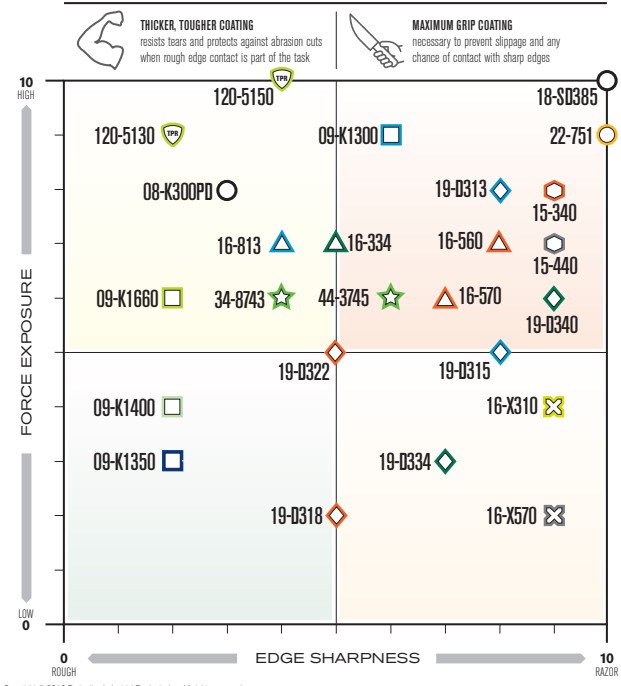
# WHAT IS YOUR CRH: FACTOR™?

# CALCULATING THE CRH: 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**



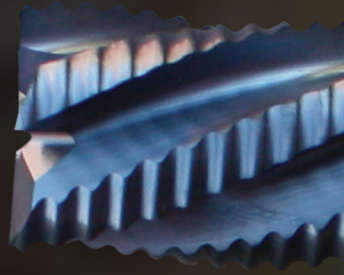
## CONFIDENCE IN CHOOSING THE RIGHT PROTECTION CUT RISK HAZARD SELECTOR™

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            | COATING                |
|---------------------|------------------------|
| ✕ POLYKOR® XRYSTAL™ | — LATEX CRINKLE        |
| △ POLYKOR®          | — LATEX MICROFINISH    |
| ◡ SUPRENE™          | — NITRILE FOAM         |
| □ KEV®              | — NITRILE MICROFOAM    |
| ◇ 3GX®              | — NITRILE MICROSURFACE |
| ☆ ATG®              | — NITRILE SMOOTH       |
| ⬢ HPPE              | — NEOFOAM              |
| ○ KUT GARD®         | — 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 TO MEET EVERY



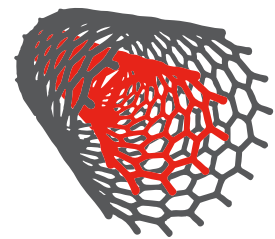
**G-Tek**<sup>®</sup>  
PolyKor™  
XRYSTAL™

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



**G-Tek**<sup>®</sup>  
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.



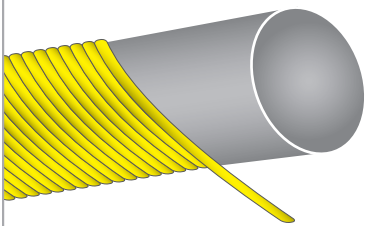
**G-Tek**<sup>®</sup>  
Suprene™

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



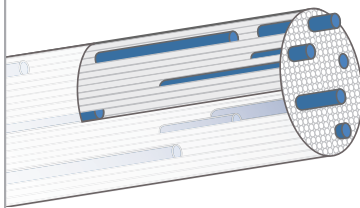


# TECHNOLOGIES EVERY NEED



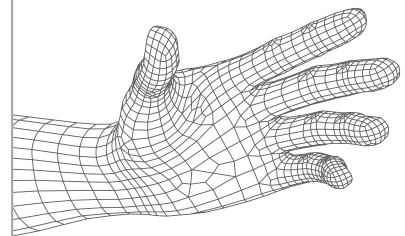
**G-Tek<sup>®</sup>**  
**KEV<sup>™</sup>**

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



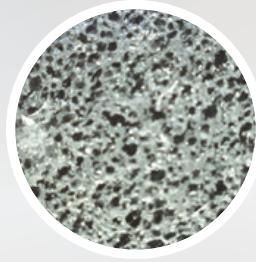
**G-Tek<sup>®</sup>**  
**3GX<sup>®</sup>**

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<sup>®</sup>**  
**CUT<sup>™</sup>**

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.



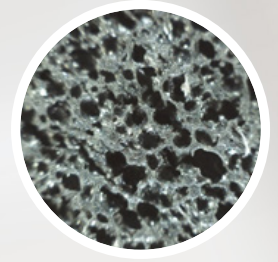
## MICROSURFACE

### 2 LAYERS

- Flexible and tough
- No Breathability

### 1 LAYER

- Thin and maximum dexterity
- Slight Breathability



## MICRO-FOAM

### 1 LAYER

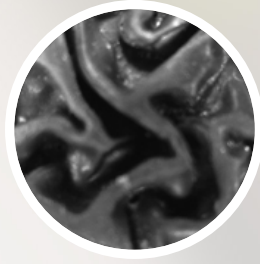
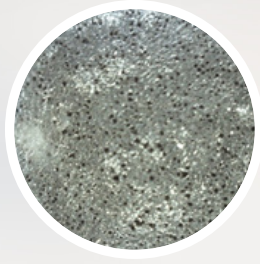
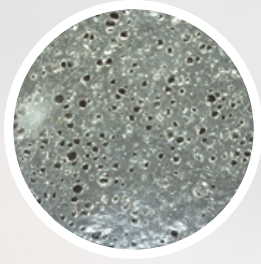
- Thin and tough-wearing
- Maximum 360°  
Breathability

# 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	Some
<b>BY PIP</b>																
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		●			●					●
<b>BY ATG</b>																
MICRO-FOAM Nitrile Proprietary Formulation	●			●		Superior, wet or oily surfaces				●		●				●

MicroSurface is equivalent to MicroFinish™ by Towa.



# MOST COMPLETE LINE

PRODUCT	BRAND	EN388	EN CUT	ANSI CUT	GAUGE	Dyneema® Diamond	Dyneema®	Spun Dyneema®	PolyKor™	ATG® Yam	Supreme	Kevlar®	HPPE	Latex	Nitrile	Polyurethane	PVC	Neofam	2-Dipped MicroSurface	MicroSurface
						FIBER										POLYMER COATING				
19-D310	G-Tek® 3GX®	4442	4	A3	13	•										•				
19-D313	G-Tek® 3GX®	3544	5	A4	13	•								•						
19-D315	G-Tek® 3GX®	3543	5	A4	15	•								•						
19-D318	G-Tek® 3GX®	3342	3	A2	18	•										•				
19-D320	G-Tek® 3GX®	4442	4	A3	13	•										•				
19-D322	G-Tek® 3GX®	4441	4	A3	13	•										•				
19-D324	G-Tek® 3GX®	4542	5	A2	13	•										•				
19-D325	G-Tek® 3GX®	4541	5	A3	13	•										•				
19-D326	G-Tek® 3GX®	4442	4	A3	13	•										•				
19-D327	G-Tek® 3GX®	4542	5	A3	15	•										•				
19-D330	G-Tek® 3GX®	4542	5	A4	13	•										•				
19-D334	G-Tek® 3GX®	4443	4	A3	13	•									•					
19-D340LG	G-Tek® 3GX®	4544	5	A4	13	•									•					
19-D340OR	G-Tek® 3GX®	4544	5	A4	13	•									•					
19-D350	G-Tek® 3GX®	4342	3	A2	13	•									•					
19-D355	G-Tek® 3GX®	4343	4	A3	13	•									•					
19-D360	G-Tek® 3GX®	4442	4	A3	13	•										•				
18-570	ATG®	4331	3	A2	15					•					•					
18-575	ATG®	4331	3	A2	15					•					•					
19-D470	ATG®	4543	5	A4	13		•								•					
19-D475	ATG®	4543	5	A4	13		•								•					
34-8443	ATG®	4331	3	A2	15					•					•					•
34-8453	ATG®	4331	3	A2	15					•					•					•
34-8743	ATG®	4331	3	A2	15					•					•					•
34-8743FY	ATG®	4331	3	A2	15					•					•					•
34-8753	ATG®	4331	3	A2	15					•					•					•
44-3445	ATG®	4542	5	A3	15					•					•					•
44-3455	ATG®	4542	5	A3	15					•					•					•
44-3745	ATG®	4542	5	A3	15					•					•					•
44-3755	ATG®	4542	5	A3	15					•					•					•
09-K1218	G-Tek® KEV™	4331	3	A3	18							•						•		
09-K1250	G-Tek® KEV™	4231	2	A2	13							•				•				
09-K1300	G-Tek® KEV™	3544	5	A4	10							•				•				
09-K1310	G-Tek® KEV™	2444	4	A3	10							•						•		
09-K1350	G-Tek® KEV™	2342	3	A3	10							•						•		
09-K1400	G-Tek® KEV™	2342	3	A2	10							•			•					•
09-K1444	G-Tek® KEV™	2444	4	A3	10							•								•
09-K1450	G-Tek® KEV™	3221	2	A2	15							•			•					
09-K1600	G-Tek® KEV™	4543	5	A7	13							•			•					
09-K1618	G-Tek® KEV™	4421	4	A2	18							•				•				
09-K1630	G-Tek® KEV™	4532	5	A4	13							•			•					
09-K1640	G-Tek® KEV™	4532	3	A4	13							•			•					
09-K1660	G-Tek® KEV™	4343	3	A2	13							•			•					•
09-K1700	G-Tek® KEV™	3543	5	A5	10							•								
73-K1800	G-Tek® KEV™	2542	5	A4	15							•			•					
16-150	G-Tek® PolyKor™	4342	3	A2	13					•						•				
16-318	G-Tek® PolyKor™	4342	3	A2	18					•						•				
16-330	G-Tek® PolyKor™	4342	3	A2	13					•					•					•
16-334	G-Tek® PolyKor™	4343	3	A2	13					•					•					
16-340LG	G-Tek® PolyKor™	4544	5	A3	13					•					•					•
16-340OR	G-Tek® PolyKor™	4544	5	A3	13					•					•					•
16-343LG	G-Tek® PolyKor™	4344	3	A2	13					•					•					•
16-343OR	G-Tek® PolyKor™	4344	3	A2	13					•					•					•
16-350	G-Tek® PolyKor™	4543	5	A4	13					•					•					•
16-355	G-Tek® PolyKor™	4343	3	A2	13					•					•					
16-520HY	G-Tek® PolyKor™	4542	5	A2	15					•						•				
16-530	G-Tek® PolyKor™	4343	3	A2	13					•					•					
16-560	G-Tek® PolyKor™	4543	5	A4	13					•					•					
16-813	G-Tek® PolyKor™	3343	3	A2	13					•					•					
16-815	G-Tek® PolyKor™	3543	5	A3	13					•					•					•
16-820	G-Tek® PolyKor™	2543	5	A3	13					•					•					•
16-D622	G-Tek® PolyKor™	4342	3	A2	13		•		•							•				•
19-D650	G-Tek® PolyKor™	4342	3	A2	13					•					•					•
19-D655	G-Tek® PolyKor™	4341	3	A2	13					•					•					•
15-210	G-Tek® Supreme™	4544	5	A4	13					•					•					•
15-215	G-Tek® Supreme™	4544	5	A4	13					•					•					•
15-340	G-Tek® Supreme™	4544	5	A4	13					•					•					•
15-440	G-Tek® Supreme™	4544	5	A4	13					•					•			•		
16-X310	G-Tek® Xrystal™	4544	5	A4	15					•					•					•
16-X320	G-Tek® Xrystal™	4543	5	A4	15					•					•					•
16-X540	G-Tek® Xrystal™	4542	5	A4	15					•					•					•
16-X570	G-Tek® Xrystal™	4542	5	A4	15					•					•					•
120-5130	Maximum Safety®	4344	3	A2	13							•			•					•
120-5150	Maximum Safety®	4544	5	A3	13							•			•					•





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PART # .83426

10/2016

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