



**MCR SAFETY**

# ***SLEEVE CUT PROTECTION***

***TRUSTED TO PROTECT***



# Innovations Technology Center (ITC Lab)

MCR Safety Innovations Technology Center  
685 Highway 72  
Piperton, TN 38017



In July of 2016, the MCR Safety's Innovations Technology Center had the pleasure of becoming one of the first North American testing labs to receive the ISO/IEC 17025 accreditation under the ANSI/ISEA 105 scope.

ISO/IEC 17025:2005 is the single most important standard for testing laboratories around the world.

Laboratories accredited to this international standard have demonstrated they are technically competent and able to produce precise and accurate test and/or calibration data.

MCR Safety's Innovations Technology Center (ITC) began operation in 2010. The three objectives at the forefront of the ITC lab development were:

1. Increase our ability to monitor the quality of incoming products produced at our factories.
2. Utilize the in-house testing laboratory, to increase Research & Development of new products and technologies.
3. Ensure that in-market comparisons between MCR Safety products and competitor products are viable. In other words, we want to ensure we are comparing apples-to-apples, and not apples-to-oranges.

\*All testing performed for MCR Safety distributors is done free of charge.

The full scope of the accreditation includes the following tests:



Cut Resistance  
Testing



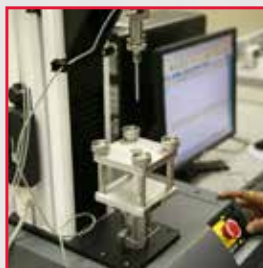
Test Method  
ASTM F2992-15

Abrasion Resistance  
Testing



Test Method  
ASTM D3389-15  
*Coated Gloves*  
ASTM D3884-09  
*Uncoated Gloves*

Puncture Resistance  
Testing



Test Method  
EN 388-16

Tear Resistance  
Testing



Tear Testing  
EN 388-16

Conductive (Contact)  
Heat Resistance Test



Test Method  
ASTM F1060-08

"Integrity is doing what you say you will do" - Chuck Swindoll

Any glove company can market a cut resistant glove, however, has it passed the quality management testing process of an ISO 17025 laboratory which validates the performance levels? You can have 100% confidence that MCR Safety product will perform to the advertised cut resistant levels. These tests are not audited by OSHA or any government agency so it's up to the purchaser to determine the accuracy of testing. MCR Safety takes the guess work out by having our accredited lab perform testing so you can have 100% confidence that any MCR Safety product will perform to the advertised levels.

WE PROTECT PEOPLE!



Equipment: Tomodynamometer TDM-100

Blade Validation: Before and after each sample specimen is tested, the blades must be checked, to ensure the effective sharpness of the cutting edge.

Sample Prep:

- Three glove samples are required to perform the test
- The glove samples must be conditioned to specific environmental conditions
- A 2"x 4" swatch cut from the palm of each glove at a 45-degree angle
- The test sample is then mounted to the mandrel of the machine

Testing:

- Each of the three glove samples will receive a total of 15 cut through measurements.
- The 15 cut through measurements are broken out into 3 distinct distances:
- 5 data points in the 5mm to 20mm cut through distance range
- 5 data points in the 20mm to 33mm cut through distance range
- 5 data points in the 33mm to 50mm cut through distance range
- The plotting of these data points on graph, enables us to find the cut through distance at 20mm of blade travel.

Data Recorded:

	Sample 1 1820			Sample 2 1810			Sample 3 1718		
	Load (gf)	Distance (mm)	Norm. Distance (mm)	Load (gf)	Distance (mm)	Norm. Distance (mm)	Load (gf)	Distance (mm)	Norm. Distance (mm)
Calibration Cut (Before)	500	15.65		500	15.31		500	17.80	
1	2000	9.06	11.63	2000	7.83	9.46	2000	18.05	19.25
2	2000	9.37	12.03	2000	13.90	16.79	2000	5.74	6.12
3	2000	12.46	15.99	2000	6.75	8.15	2000	8.89	9.48
4	2000	5.02	6.44	2000	8.67	10.47	2000	15.26	16.28
5	2000	5.08	6.52	2000	8.96	10.82	2000	8.02	8.55
6	1800	24.44	31.37	1800	31.69	38.28	1600	20.86	22.25
7	1800	26.62	34.17	1800	20.28	24.50	1600	21.18	22.59
8	1800	20.80	26.70	1800	20.41	24.66	1600	24.94	26.60
9	1800	31.20	40.05	1800	20.14	24.33	1600	27.59	29.43
10	1800	20.39	26.17	1800	26.79	32.36	1600	28.30	30.19
11	1400	44.80	57.51	1400	33.17	40.07	1400	40.77	43.49
12	1400	33.44	42.93	1400	33.46	40.42	1400	33.20	35.41
13	1400	40.60	52.12	1400	33.11	40.00	1400	38.15	40.69
14	1400	33.03	42.40	1400	35.05	42.34	1400	39.11	41.72
15	1400	40.11	51.43	1400	41.10	43.65	1400	33.47	35.70
Calibration Cut (After)	500	15.31		500	17.80		500	19.70	
RESULTS	Sharpness Correction	1		Sharpness Correction	1		Sharpness Correction	1	
	Reference Distance	20mm		Reference Distance	20mm		Reference Distance	20mm	
	Rating Force (gf)	1820.16		Rating Force (gf)	1803.35		Rating Force (gf)	1718.50	
	% Confidence Interval (gf)	366.50		% Confidence Interval (gf)	341.43		% Confidence Interval (gf)	231.84	
	Standard Deviation (gf)	169.65		Standard Deviation (gf)	158.04		Standard Deviation (gf)	135.09	
	R-Squared	0.73		R-Squared	0.76		R-Squared	0.81	
Optional Sample Properties	Correction Factor	0.13		Correction Factor	0.12		Correction Factor	0.09	
	Basis WT	3.11	Grams	Basis WT	3.59	Grams	Basis WT	3.11	Grams
	Thickness	0.37	MM	Thickness	0.36	MM	Thickness	0.39	MM

Reporting and Averaging  
the 3 gram scores

Average Rating Force (gf)	Cut Resistance Performance Level
1783	A4
3 Samples Tested	
ASTM F2992-15	ANSI/ISEA 105-2016
TDM-100	Section 5.11

ANSI/ISEA 105 2016  
Cut Score Gram Levels

- A9: 6,000+ grams to cut
- A8: 5,000 to 5,999 grams to cut
- A7: 4,000 to 4,999 grams to cut
- A6: 3,000 to 3,999 grams to cut
- A5: 2,200 to 2,999 grams to cut
- A4: 1,500 to 2,199 grams to cut
- A3: 1,000 to 1,499 grams to cut
- A2: 500 to 999 grams to cut
- A1: 200 to 499 grams to cut

Tomodynamometer TDM-100



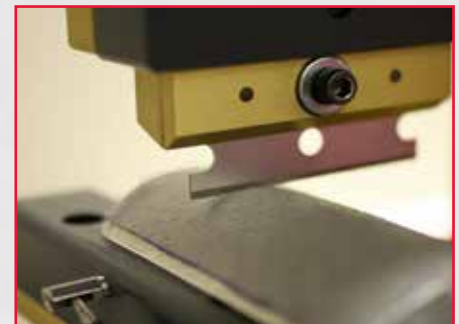
Blade Validation



Sample Prep



Testing



Data Recorded



***“It’s only after you’ve stepped outside your comfort zone that you begin to change, grow, and transform.” - Roy T. Bennett***

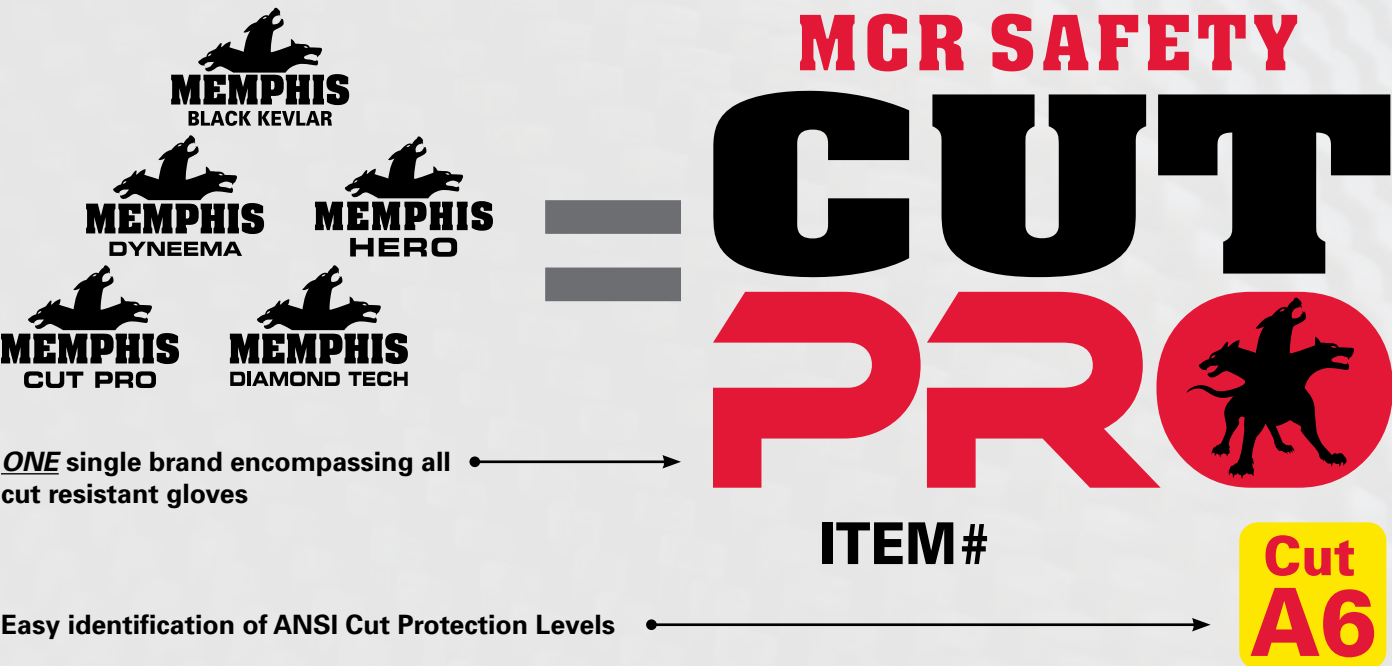
Every day consists of change and improvement so at MCR Safety we are living this out by updating the most powerful cut protection offerings in the industry with a single brand that represents the best of the best in fibers, coatings, and technology advancements as CUTPRO. One unified brand identity along with an easy identifiable ANSI cut scoring system.

**Glove Shell and Coating**

Guess what?! The name is changing and that’s it. The glove shell fiber combination and coating is staying exactly the same as before - No changes....Zero, Zilch, Zip, Nada

**Inventory**

During this transition, there is a good chance that you could receive old and new logo product however that’s the only difference. The glove is the same product that we have manufactured for years which means we still have your back. Same protection, same glove, same piece of mind in wearing Protection You Can Trust!



**Understanding ANSI/ISEA 105 2016 Cut Score Gram Levels**



Extreme Cut Hazards	A9: 6,000+ grams to cut
Very High Cut Hazards	A8: 5,000 to 5,999 grams to cut
High Cut Hazards	A7: 4,000 to 4,999 grams to cut
Heavy Cut Hazards	A6: 3,000 to 3,999 grams to cut
Medium to Heavy Cut Hazards	A5: 2,200 to 2,999 grams to cut
Medium Cut Hazards	A4: 1,500 to 2,199 grams to cut
Light to Medium Cut Hazards	A3: 1,000 to 1,499 grams to cut
Light Cut Hazards	A2: 500 to 999 grams to cut
Not Recommended for Cut	A1: 200 to 499 grams to cut





ARX® is an Aramid base fiber designed to protect against cut, abrasion, and flame resistant hazards which is available in coated knits, leather, and sleeve configurations. This fiber is developed and manufactured in MCR Safety's state of the art spinning facility where quality is never sacrificed.

#WeProtectPeople

[www.mcrcsafety.com/cut-protection](http://www.mcrcsafety.com/cut-protection)



HyperMax™ synthetic yarns are engineered to protect against cuts and lacerations ranging from ANSI Cut Level A2 up to A9. Excellent abrasion properties and high levels of comfort are key to the success of this fiber.

#WeProtectPeople

[www.mcrcsafety.com/cut-protection](http://www.mcrcsafety.com/cut-protection)



Hero™ yarn takes cut protection to the next level without sacrificing comfort or dexterity. Made up of a combination of proprietary spun yarns designed and knitted exclusively in MCR Safety's spinning plant where quality is never sacrificed. #TrustedToProtect

[www.mcrcsafety.com/cut-protection](http://www.mcrcsafety.com/cut-protection)



Kevlar® is the original gold standard in cut protection. Ideal for applications requiring cut and heat protection in one. Patented Kevlar® engineered yarns combine cut-resistant soft-spun Kevlar® materials, high-strength inorganic yarns and elastic stretch-core yarns to deliver the best balance of protection and comfort.

#Kevlar

[www.mcrcsafety.com/gloves/technology/kevlar](http://www.mcrcsafety.com/gloves/technology/kevlar)



Dyneema® Diamond Technology is the latest patented fiber innovation from DSM Dyneema. This state-of-art technology is once again pushing forward the properties of cut resistance in a lightweight and "natural feeling" fiber.

#Dyneema

[www.mcrcsafety.com/gloves/technology/dyneema](http://www.mcrcsafety.com/gloves/technology/dyneema)







## Overall Features:

- ANSI A9 Cut Protection – extreme slice resistant
- ANSI Puncture Level 3 – prevention of penetrating hazards
- ANSI Contact Heat Level 5 – Up to 608°F thermal protection

## Applications:

- Heavy Material Fabrication
- Blade Handling
- High-Risk contact with glass, wire, metal, wood



### 93719MK Sleeve

- 19" length – extended arm protection
- Elbow gusset – improved range of motion
- Spandex hand cuff – for stationary protection to allow use with gloves
- Gusset clip – firm attachment to undergarment
- Ambidextrous



### 93709MK Sleeve

- 9" length – forearm protection
- Spandex hand cuff – for stationary protection to allow use with gloves
- Ambidextrous



### 93130MK Apron

- 30" x 24" – torso protection
- Nylon/Neoprene neck strap – all day comfort
- Nylon waist strap







## Premium Grade Sleeve:

Made with more DuPont™ Kevlar® material per square inch -  
less material stretch



## Competitive Value Grade Sleeve:

Made with less DuPont™ Kevlar® material per square inch -  
more material stretch



Equal length sleeves pictured



<i>Sleeve Length</i>														
<i>Fiber</i>	4"	7"	8"	9"	10"	12"	14"	15"	18"	19"	20"	21"	22"	24"
ARX®	-	-	-	-	●	-	-	-	●	-	-	-	-	-
Kevlar® Blend	-	-	-	●	●	●	●	-	●	●	-	-	●	●
SteelCore	-	-	-	-	-	●	-	-	●	-	-	●	-	-
Hero™	-	-	-	-	-	-	-	-	●	-	-	-	-	-
Dyneema®	-	-	-	-	-	●	●	-	●	-	-	-	-	-
Kevlar®	●	●	●	-	●	●	●	●	●	-	-	-	●	●
HyperMax™	-	-	-	-	-	●	●	-	●	-	●	-	-	-
Competitive Value	-	-	-	-	●	-	●	-	●	-	-	-	●	-



Bar Tack    Thumb Slot    Cotton Interior    Elbow Gusset    Leather Pad    Silicone Mini-Dots    Silicon Grid

<i>Sleeve Options</i>							
<i>Fiber</i>	<i>Bar Tack</i>	<i>Thumb Slot</i>	<i>Cotton Interior</i>	<i>Elbow Gusset</i>	<i>Leather Pad</i>	<i>Silicone Mini-Dots</i>	<i>Silicon Grid</i>
ARX®	-	●	-	-	-	-	-
Kevlar® Blend	-	●	●	-	-	-	-
SteelCore	-	-	-	-	-	-	-
Hero™	-	●	-	-	-	-	-
Dyneema®	-	●	-	●	-	●	●
Kevlar®	●	●	-	●	●	-	-
HyperMax™	-	●	-	-	-	-	-
Competitive Value	●	●	-	-	-	-	-

# ANSI Sleeve Cut Protection



## A9 ANSI CUT ≥ 6000 Grams

Item #	Fiber	Length	Color	Grade	Wrist	ANSI Abrasion	ANSI Conductive Heat	EN388 Tear
93130MK	Kevlar® Blend	30"x24"	Yellow	Premium	N/A	X	5	X
93719MK	Kevlar® Blend	19"	Yellow	Premium	Thumb Slot	X	5	X
93709MK	Kevlar® Blend	9"	Yellow	Premium	Thumb Slot	X	5	X

## A8 ANSI CUT ≥ 5000 Grams

9321	SteelCore	21"	White	Premium	Plain	X	X	4
9318	SteelCore	18"	White	Premium	Plain	X	X	4
9312	SteelCore	12"	White	Premium	Plain	X	X	4

## A6 ANSI CUT ≥ 3000 Grams

9318K7	Hero™	18"	Green	Premium	Plain	3	3	3
9318K7T	Hero™	18"	Green	Premium	Thumb Slot	3	3	3
9318K13	Hero™	18"	Yellow	Premium	Plain	3	X	3
9318K13T	Hero™	18"	Yellow	Premium	Thumb Slot	3	X	3

## A5 ANSI CUT ≥ 2200 Grams

9318DT510T	Dyneema®	18"	Blue	Premium	Thumb Slot	3	X	3
91780	Kevlar®	18"	Orange	Premium	Plain	3	2	3
91780T	Kevlar®	18"	Orange	Premium	Thumb Slot	3	2	3
91740	Kevlar®	14"	Orange	Premium	Plain	3	2	3
91740T	Kevlar®	14"	Orange	Premium	Thumb Slot	3	2	3

## A4 ANSI CUT ≥ 1500 Grams

92180	HyperMax™	20"	Orange	Premium	Plain	3	X	X
9318DT10	Dyneema®	18"	Gray	Premium	Plain	6	X	2
9318DN7M	Dyneema®	18"	Gray	Premium	Plain	X	X	X
9318DN7MT	Dyneema®	18"	Gray	Premium	Thumb Slot	X	X	X
92180VT	HyperMax™	18"	Orange	Premium	Plain	3	X	X
9378KF	Kevlar® Blend	18"	Yellow	Premium	Plain	X	3	2
9378KFT	Kevlar® Blend	18"	Yellow	Premium	Thumb Slot	X	3	2
9374TL	Kevlar®	14"	Yellow	Premium	Thumb Slot	X	X	4





9312, 9318, 9321

- Steelcore yarn - cut resistant
- Available in 12", 18", 21" length
- Made with FDA accepted material for use in food processing  
Food Processing, Canning, Stationary Blade Changeouts

## ANSI Sleeve Cut Protection



9318K13T Size: 18"

- Hero™ fiber - Kevlar® and synthetic combo
- Available with or without thumb slot  
Process Assembly, Metal Stamping, Machining Parts



91780 Size: 18"

- DuPont™ Kevlar® engineered yarn - cut resistant
- Advanced elbow gusset - great range of motion and comfort  
Sheet Metal Assembly, Mill Operators, Injection Molding



9318DT10 Size: 18"

- Dyneema® Diamond Technology - protection without fiberglass
- Double sided silicone grid - prevents movement and slicing on arm while handling materials
- Advanced elbow gusset - great range of motion and comfort  
Metal Fabrication, Plastic Moldings, Raw Glass Handling



9218OVT Size: 18"

- Hypermax™ engineered yarn - breathable abrasive protection
- Upper arm adjustable hook and loop strap
- Thumb Slot  
Recycling, Parts Sorting, Corrugated Handling



9374TL Size: 14"

- Made with DuPont™ Kevlar® - trusted cut protection
- Thumb Slot with Leather forearm - Protection from heat and abrasion  
Handling Of Sharp Metal Materials, Parts Assembly

# ANSI Sleeve Cut Protection



## A3 ANSI CUT $\geq 1000$ Grams

Item #	Fiber	Length	Color	Grade	Wrist	ANSI Abrasion	ANSI Conductive Heat	EN388 Tear
93724T	Kevlar®	24"	Yellow	Premium	Thumb Slot	2	2	4
9373B	Kevlar®	23"	Yellow	Premium	Bar Tack	X	3	X
9379	Kevlar®	22"	Yellow	Premium	Plain	2	2	4
9379KCT	Kevlar® Blend	22"	Yellow	Premium	Thumb Slot	2	3	4
9379KCTE	Kevlar® Blend	22"	Yellow	CV	Thumb Slot	2	3	3
9379KCTJ	Kevlar® Blend	22"	Yellow	Premium	Thumb Slot	2	3	3
SA9378E	ARX®	18"	Yellow	CV	Plain	X	X	X
SA9378T	ARX®	18"	Yellow	Premium	Plain	X	X	X
SA9378TE	ARX®	18"	Yellow	CV	Plain	X	X	X
SA9378FTP	ARX®	18"	Yellow	Premium	Plain	X	2	X
9178G	Kevlar®	18"	Gray	Premium	Plain	X	X	X
9178GT	Kevlar®	18"	Gray	Premium	Thumb Slot	X	X	X
9178GP	Kevlar®	18"	Gray	CV	Plain	X	X	X
9378BE	Kevlar®	18"	Yellow	CV	Bar Tack	2	3	3
9378E	Kevlar®	18"	Yellow	CV	Plain	2	3	3
VP9378E (VP)	Kevlar®	18"	Yellow	CV	Plain	2	3	3
9378TE	Kevlar®	18"	Yellow	CV	Thumb Slot	2	3	3
VP9378TE (VP)	Kevlar®	18"	Yellow	CV	Thumb Slot	2	3	3
9378TES	Kevlar®	18"	Yellow	CV	Thumb Slot	2	3	3
9378	Kevlar®	18"	Yellow	Premium	Plain	2	2	4
9178T	Kevlar®	18"	Black	Premium	Thumb Slot	2	2	4
9378B	Kevlar®	18"	Yellow	Premium	Bar Tack	2	2	X
9378SPW	Kevlar®	18"	Yellow	Premium	Wide Elastic	X	X	X
9378T	Kevlar®	18"	Yellow	Premium	Thumb Slot	2	2	4
VP9378T (VP)	Kevlar®	18"	Yellow	Premium	Thumb Slot	2	2	4
9378KC	Kevlar® Blend	18"	Yellow	Premium	Plain	2	3	3
9378KCT	Kevlar® Blend	18"	Yellow	Premium	Thumb Slot	2	3	3
VP9378KCT (VP)	Kevlar® Blend	18"	Yellow	Premium	Thumb Slot	2	3	3
9375	Kevlar®	15"	Yellow	Premium	Plain	X	X	X
9174G	Kevlar®	14"	Gray	Premium	Plain	X	X	X
9374E	Kevlar®	14"	Yellow	CV	Plain	2	3	3
9374	Kevlar®	14"	Yellow	Premium	Plain	2	2	4
VP9374 (VP)	Kevlar®	14"	Yellow	Premium	Plain	2	2	4
9374T	Kevlar®	14"	Yellow	Premium	Thumb Slot	2	2	4
9372E	Kevlar®	12"	Yellow	Premium	Plain	2	3	3
9372	Kevlar®	12"	Yellow	Premium	Plain	2	2	4
9372T	Kevlar®	12"	Yellow	Premium	Thumb Slot	2	2	4
SA9371	ARX®	10"	Yellow	Premium	Plain	X	X	X
9171GT	Kevlar®	10"	Yellow	Premium	Thumb Slot	X	X	X
9371	Kevlar®	10"	Yellow	Premium	Plain	2	2	4
VP9371 (VP)	Kevlar®	10"	Yellow	Premium	Plain	2	2	4
9371BE	Kevlar®	10"	Yellow	CV	Bar Tack	2	X	3
9371E	Kevlar®	10"	Yellow	CV	Plain	2	3	3
9371TE	Kevlar®	10"	Yellow	CV	Thumb Slot	2	3	3
9371T	Kevlar®	10"	Yellow	Premium	Thumb Slot	2	2	X
9171TE	Kevlar®	10"	Black	CV	Thumb Slot	2	2	X
9307	Kevlar®	7"	Yellow	Premium	Plain	2	2	4
9304	Kevlar®	4"	Yellow	Premium	Plain	2	2	4



## ANSI Sleeve Cut Protection



SA9371 Size: 10"

- ARX® engineered yarn - Excellent dexterity and flexibility
  - 10" Length - protection up to the elbow
- Working near or coming in contact with sharp/abrasive materials



SA9378FTP Size: 18"

- ARX®/Fiberglass engineered yarn - Excellent dexterity and flexibility
  - 18" Length - protection over the elbow
- Working near or coming in contact with sharp/abrasive materials



9178T Size: 18"

- Made with DuPont™ Kevlar® - trusted cut protection
  - 18" Length with Thumb Slot - protection up to the biceps
- Working near or coming in contact with sharp/abrasive materials, Great for dirty environments



9379 Size: 22"

- Made with DuPont™ Kevlar® - trusted cut protection
  - 22" Length - protection over the biceps
- Working near or coming in contact with sharp/abrasive materials



9378B Size: 18"

- Made with DuPont™ Kevlar® - trusted cut protection
  - 18" Length with Bar Tack - protection up to the biceps
- Working near or coming in contact with sharp/abrasive materials



93724T Size: 24"

- Made with DuPont™ Kevlar® - trusted cut protection
  - 24" Length with Thumb Slot - protection over the biceps
- Working near or coming in contact with sharp/abrasive materials

# ANSI Sleeve Cut Protection



## A3 ANSI CUT ≥ 1000 Grams

Item #	Fiber	Length	Color	Grade	Wrist	ANSI Abrasion	ANSI Conductive Heat	EN388 Tear
9318D10	Dyneema®	18"	Gray	Premium	Plain	4	X	2
VP9318D10 (VP)	Dyneema®	18"	Gray	Premium	Plain	4	X	2
9318D10T	Dyneema®	18"	Gray	Premium	Thumb Slot	4	X	2
VP9318D10T (VP)	Dyneema®	18"	Gray	Premium	Thumb Slot	4	X	2
9318D10TMD	Dyneema®	18"	Gray	Premium	Thumb Slot	5	X	X
9318D7	Dyneema®	18"	Gray	Premium	Plain	3	X	2
9318D7T	Dyneema®	18"	Gray	Premium	Thumb Slot	3	X	2
9318D7M	Dyneema®	18"	Gray	Premium	Plain	3	X	3
9318D7MT	Dyneema®	18"	Gray	Premium	Thumb Slot	3	X	3
9218M13	HyperMax™	18"	Gray	Premium	Plain	5	X	2
9378P	Kevlar®	18"	Yellow	Premium	Plain	2	X	3
9314D10	Dyneema®	14"	Gray	Premium	Plain	4	X	2
9214M13	HyperMax™	14"	Gray	Premium	Plain	5	X	2
9312D10	Dyneema®	12"	Gray	Premium	Plain	4	X	2
9212M13	HyperMax™	12"	Gray	Premium	Plain	5	X	2
9371ES	Kevlar®	10"	Yellow	CV	Bar Tack	X	X	X
9370	Kevlar®	8"	Yellow	CV	Plain	2	2	4





**9212M13** Size: 12"

- Hypermax™ engineered yarn - cut protection and comfort in one
- 12" length - Protection up to the elbow
- Working near or coming in contact with sharp/abrasive materials



**9218M13** Size: 18"

- Hypermax™ engineered yarn - cut protection and comfort in one
- 18" length - Protection up to the elbow
- Working near or coming in contact with sharp/abrasive materials



**9314D10** Size: 14"

- Dyneema® protection without fiberglass - Protection over the elbow
- Advanced Elbow Gusset - Great range of motion and comfort
- Working near or coming in contact with sharp/abrasive materials



**9318D10T** Size: 18"

- Dyneema® protection without fiberglass - Protection up to the elbow
- Advanced Elbow Gusset - Great range of motion and comfort
- Working near or coming in contact with sharp/abrasive materials



**9318D10TMD** Size: 18"

- Dyneema® protection without fiberglass - Protection up to the biceps
- Double sided Silicone Micro Dots - Reduces slice potential
- Advanced Elbow Gusset - Great range of motion and comfort
- Working near or coming in contact with sharp/abrasive materials



**9318D7** Size: 18"

- Dyneema® protection without fiberglass - Protection up to the biceps
- Advanced Elbow Gusset - Great range of motion and comfort
- Working near or coming in contact with sharp/abrasive materials



800-955-6887 | [www.mcrcsafety.com](http://www.mcrcsafety.com)