

## FUNDAMENTALS OF **ARM PROTECTION**

WHEN WEARING CUT RESISTANT GLOVES, ALSO CONSIDER ARM PROTECTION TO EXTEND YOUR SAFETY COVERAGE AND PROTECT AGAINST OTHER POTENTIAL INJURIES. WHETHER YOU HANDLE LARGE AND/OR SHARP OBJECTS, ARE EXPOSED TO SPARKS, OR JUST NEED TO HAVE YOUR FOREARMS COVERED, PROTECTIVE SLEEVES CAN PROVIDE VARIOUS SOLUTIONS TO MEET YOUR SAFETY NEEDS.

### APPLICATIONS

The most common application need for arm protection is **cut resistance**. In addition to **cut protection**, you can also achieve options that provide:

- **Maximum Comfort**
- **Heat Protection**
- **Food Handling Capabilities**
- **Arc-Rated Protection**

Several customizable options are also available to help maximize protection by ensuring the sleeve stays in place as consistently as possible.

- Options such as **thumb holes** or **thumb slots** can help hold the sleeve up to the heel of your hand.
- Options can also help hold the sleeve up on your arm, such as **elastic bands** or **hook and loop closures**.

**Sleeve designs are often referred to as tube knit or cut and sewn.**

- The **tube knit** styles feature a continuous piece of fabric that generally fits more snugly to the arm.
- **Cut & sewn** sleeves are just that – fabric that is cut before the sides are sewn together. As a result of their construction, cut & sewn sleeves often have a more relaxed fit, as compared to tube knit sleeves.

### PRODUCTION

PIP manufactures sleeves in our facilities in Bluffton, IN and Chaska, MN, and we take pride in providing what we consider to be the most comprehensive offering of arm protection. And, because we manufacture these great products domestically, we have the ability to **custom make sleeves** for your particular application. See Page 130 for more details!

**122** CUT RESISTANT SLEEVES

**124** CUT AND HEAT RESISTANT SLEEVES

**127** HEAT SLEEVES

**127** ARC RATED SLEEVES

**128** HEAVY DUTY CUT RESISTANT SLEEVES

**129** ANTI-MICROBIAL SLEEVES

**129** ABRASION RESISTANT SLEEVES

**130** CUSTOM SLEEVES

# ARM PROTECTION

# ARM PROTECTION - CUT

DYNEEMA® DIAMOND TECHNOLOGY



## PROTECT YOUR ARMS AGAINST ABRASION



ANSI  
4

### 20-DA18

- Excellent cut resistance
- Excellent abrasion protection
- 2-ply for additional wear protection
- Breathable
- Made from component materials that comply with federal regulations for food contact 21CFR 170-199

Applications: *Electronics Manufacturing, Glass Cutting, Paper Processing, Food Processing*

ANSI  
2

### 20-D18

- Good cut protection
- High abrasion protection
- Elastic top provides a snug fit to prevent debris from entering the sleeve
- Made from component materials that comply with federal regulations for food contact 21CFR 170-199

APPLICATIONS: *Electronics Manufacturing, Glass Cutting, Paper Processing, Food Processing*

#### DYNEEMA® DIAMOND TECHNOLOGY

STYLE NUMBER	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTHS AVAILABLE
20-DA18	4	Dyneema® Diamond Technology	Seamless Knit	2	■ Gray	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-DA18CL	4	Dyneema® Diamond Technology	Seamless Knit, 1-ply cotton liner	1	■ Gray	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-DA18S	3	Dyneema® Diamond Technology	Seamless Knit	1	■ Gray	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-TG18	2	Dyneema® Diamond Technology	Seamless Knit	2	■ Gray	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-D18	2	Dyneema® Diamond Technology	Seamless Knit	1	■ White	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-SD18	2	Dyneema® Diamond Technology	Seamless Knit	1	■ White	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
20-TG18S	1	Dyneema® Diamond Technology	Seamless Knit	1	■ Gray	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"

Sleeves made with Dyneema® Diamond Technology offer unparalleled comfort and coolness, while providing cut and abrasion resistance.

ARM PROTECTION - CUT  
DYNEEMA® DIAMOND TECHNOLOGY

MAXIMUM CUT RESISTANCE

COOL &  
COMFORTABLE

ARM PROTECTION

WITH DYNEEMA® DIAMOND TECHNOLOGY



ARM PROTECTION - CUT & HEAT

DUPONT™ KEVLAR®

# CUT & LIGHT HEAT

## ARM PROTECTION

WITH DUPONT™ KEVLAR®

DuPont™  
**Kevlar®**

### DUPONT™ KEVLAR®

STYLE NUMBER	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTHS AVAILABLE
10-KS18	3	DuPont™ Kevlar®	Seamless Knit	2	■ Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-KS18CL	3	DuPont™ Kevlar®	Seamless Knit, 1-ply cotton liner	2	■ Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-BKDS18	3	DuPont™ Kevlar®	Seamless Knit	2	□ Black	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-KSB18	3	DuPont™ Kevlar®	Blousy	2	■ Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-KS18S	2	DuPont™ Kevlar®	Seamless Knit	1	■ Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-BKS18	2	DuPont™ Kevlar®	Seamless Knit	1	□ Black	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
10-K4826	2	DuPont™ Kevlar®	Interlock, DuPont™ Kevlar® knit wrist with thumb hole, B/G elastic at top	1	■ Yellow	26"
10-K4822	2	DuPont™ Kevlar®	Interlock, DuPont™ Kevlar® knit wrist with thumb hole, B/G elastic at top	1	■ Yellow	22"
10-K4726	1	DuPont™ Kevlar® / Cotton Blend	Interlock, DuPont™ Kevlar® knit wrist with thumb hole, B/G elastic at top	1	■ Yellow	26"
10-K4722	1	DuPont™ Kevlar® / Cotton Blend	Interlock, DuPont™ Kevlar® knit wrist with thumb hole, B/G elastic at top	1	■ Yellow	22"



# ARM PROTECTION - CUT & HEAT

DUPONT™ KEVLAR®

ANSI  
3

## 10-KS18

- High cut protection
- Light heat protection
- 2-ply for additional wear protection

APPLICATIONS: *Glass Operations, Metal Stamping, Sheet Metal, Automotive, Construction*

ANSI  
3

## 10-BKDS18

- High cut protection
- Light heat protection
- Dark color hides dirt
- 2-ply for additional wear protection

APPLICATIONS: *Glass Operations, Metal Stamping, Sheet Metal, Automotive, Construction*

ANSI  
2

## 10-K4822

- Good cut protection
- Light heat protection
- Elastic top provides a snug fit to prevent debris from entering the sleeve
- Thumb hole for additional protection all the way to the knuckle, without sacrificing dexterity

APPLICATIONS: *Metal Stamping, Sheet Metal, Automotive, Construction*

ANSI  
1

## 10-K4722

- Cut protection
- Light heat protection
- Elastic top provides a snug fit to prevent debris from entering the sleeve
- Thumb hole for additional protection all the way to the knuckle, without sacrificing dexterity

APPLICATIONS: *Metal Stamping, Sheet Metal, Automotive, Construction*

Sleeves with DuPont™ Kevlar® provide excellent cut protection and protection from light heat for the wrists and arms.

Available in single-ply or double-ply for added protection. Cotton inner ply styles offers added comfort.



# ARM PROTECTION - CUT & HEAT

ACP™ TECHNOLOGY WITH DUPONT™ KEVLAR®

## ACP™ TECHNOLOGY & DUPONT™ KEVLAR®

STYLE NUMBER	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTHS AVAILABLE
<b>10-KA18</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	2	Green	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KA18CL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with cotton liner	2	Green	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KA18KL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with DuPont™ Kevlar® liner	2	Green	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANY18</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	2	Neon Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANY18CL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with cotton liner	2	Neon Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANY18KL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with DuPont™ Kevlar® liner	2	Neon Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANO18</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	2	Neon Orange	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANO18CL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with cotton liner	2	Neon Orange	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANO18KL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with DuPont™ Kevlar® liner	2	Neon Orange	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANP18</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	2	Neon Pink	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANP18CL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with cotton liner	2	Neon Pink	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANP18KL</b>	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit, with DuPont™ Kevlar® liner	2	Neon Pink	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KA18S</b>	3	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	1	Green	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANY18S</b>	3	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	1	Neon Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANO18S</b>	3	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	1	Neon Orange	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"
<b>10-KANP18S</b>	3	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	1	Neon Pink	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"

## ARC RATED ACP™ TECHNOLOGY & DUPONT™ KEVLAR®

STYLE NUMBER	PPE LEVEL	CAL RATING	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTHS AVAILABLE
<b>10-KAM18</b>	2	9.5	4	ACP™ Technology with DuPont™ Kevlar®	Seamless Knit	2	Yellow	10", 12", 14", 16", <b>18"</b> , 20", 22", 24"

**ACP**  
TECHNOLOGY

# 2X THE CUT PROTECTION

ANSI  
4

### 10-KA18

- Excellent cut protection
- Light heat protection
- 2-ply for additional wear protection

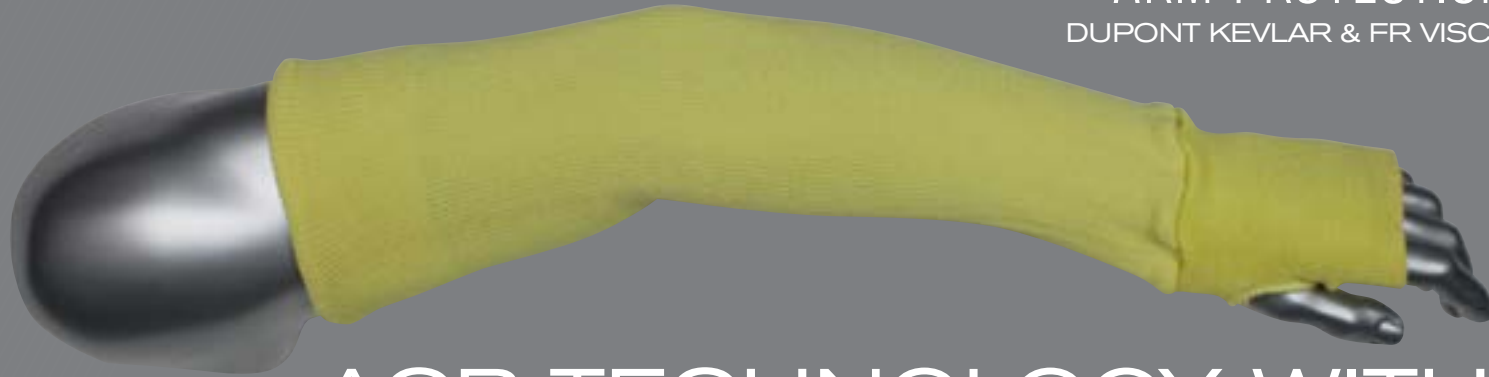
APPLICATIONS: *Sheet Metal and Stamping, Glass Handling, Assembly, Plastic Molding, Automotive*

**ACP Technology™** offers an increase in overall performance and value, compared to traditional Para-Aramid products. ACP provides excellent abrasion and cut resistance for lower cost per use. ACP Technology™ sleeves are 100% silicone free.

MADE IN THE  
**USA**

# ARM PROTECTION - HEAT | ARC

DUPONT KEVLAR & FR VISCOSE | GREEN SATEEN



ANSI  
4

2  
PPE

- 10-KAM18**
- Offers AR/FR and cut protection
  - Light heat protection
  - Excellent heat and flame resistance
  - Thumb hole for additional protection all the way to the knuckle without sacrificing dexterity

APPLICATIONS: *Sheet Metal, Glass Handling, High Heat Areas, Electrical Repair and Maintenance, Automotive Manufacturing, Plastic Molding*



# ACP TECHNOLOGY WITH ARC PROTECTION



- ANSI  
2
- 10-K4622**
- Good cut protection
  - Excellent thermal and flame protection from high heat
  - Elastic top provides a snug fit to prevent debris from entering the sleeve
  - Thumb hole for additional protection all the way to the knuckle without sacrificing dexterity

APPLICATIONS: *Welding, Automotive, Aerospace and Metal Fabrication*

- 11-45182**
- Excellent thermal and flame protection from high heat
  - Elastic top provides a snug fit to prevent debris from entering the sleeve

APPLICATIONS: *Welding, Aerospace, Metal Fabrication*



## FLAME RESISTANT & HIGH HEAT PROTECTION

HEAT PROTECTION						
STYLE NUMBER	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTH
10-K4626	2	60% FR Viscose / 40% DuPont™ Kevlar®	DuPont™ Kevlar® wrist with thumb hole & blue/gold elastic at top	1	■ Brown & Yellow	26"
10-K4622	2	60% FR Viscose / 40% DuPont™ Kevlar®	DuPont™ Kevlar® wrist with thumb hole & blue/gold elastic at top	1	■ Brown & Yellow	22"
11-45182	N/A	FR Green Sateen	Elastic overstitched at both edges	1	■ Green	18"
11-45183	N/A	FR Green Sateen	Blue/gold elastic at both ends	1	■ Green	18"
11-45187	N/A	FR Green Sateen	DuPont™ Kevlar® wrist with thumb hole & blue/gold elastic at top	1	■ Green	18"



# ARM PROTECTION - HEAVY DUTY CUT

KUT-GARD® STAINLESS STEEL CORE YARN | CANE MESH

# HIGH CUT PROTECTION FOR FOOD HANDLING

ANSI

5

## 25-618

- Excellent Cut protection
- Complies with Federal Regulations for food contact (21 CFR, 170-199)

APPLICATIONS: *Food Service, Pulp and Paper Processing, Plastic Molding, Glass and Metal Handling*



### STAINLESS STEEL CORE YARN

STYLE NUMBER	ASTM	MATERIAL	PLY	COLOR	LENGTH
25-612	5	Stainless steel wire core / Polyester	1	■ White	12"
25-618	5	Stainless steel wire core / Polyester	1	■ White	18"
25-621	5	Stainless steel wire core / Polyester	1	■ White	21"

**KUT-GARD®**



# HEAVY DUTY CUT RESISTANCE

ANSI

4

## 30-6775

- Excellent Cut protection
- Excellent puncture protection
- Good abrasion protection
- 2-ply for additional wear protection
- Breathable

APPLICATIONS: *Assembly, Plastic Molding, Metal Fabrication, Automotive*

**Cane mesh** provides protection from cuts and lacerations caused by glass, sheet or scrap metal, and other sharp objects

### CANE MESH

STYLE NUMBER	ASTM	MATERIAL	PLY	COLOR	LENGTH	SIZE
30-6775	4	Nylon cane mesh	2	■ White	7"	S - 4XL
30-6775B	4	Nylon cane mesh	2	■ Black	7"	S - 4XL
30-6795	4	Nylon cane mesh	2	■ White	9"	S - 4XL
30-6795B	4	Nylon cane mesh	2	■ Black	9"	S - 4XL





# PRITEX™ PERFORMANCE & VALUE



Pritex™ is proprietary textured filament Polyester, plus Antimicrobial fabric that provides exceptional comfort, will not cause skin irritation, and offers excellent abrasion protection and ANSI Cut Level 2 cut resistance.

## PRITEX™

STYLE NUMBER	ASTM	MATERIAL	CONSTRUCTION	PLY	COLOR	WIDTH	LENGTHS AVAILABLE
15-21PRI18KVBL*	4	Pritex™/Kevlar® Blend	2x1 Knit	1	■ Black & Yellow	10"	10", 12", 14", 16", 18", 20", 22", 24"
15-21PRI18BL	2	Pritex™	2x1 Knit	1	■ Black	10"	10", 12", 14", 16", 18", 20", 22", 24"
15-21PRI18WL	2	Pritex™	2x1 Knit	1	■ White	10"	10", 12", 14", 16", 18", 20", 22", 24"
15-218BKL	2	Pritex™	Textured Filament Polyester	1	■ Black	6.5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218BKS	2	Pritex™	Textured Filament Polyester	1	■ Black	5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218WL	2	Pritex™	Textured Filament Polyester	1	■ White	6.5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218WS	2	Pritex™	Textured Filament Polyester	1	■ White	5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NYL	2	Pritex™	Textured Filament Polyester	1	■ Neon Yellow	6.5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NYS	2	Pritex™	Textured Filament Polyester	1	■ Neon Yellow	5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NOL	2	Pritex™	Textured Filament Polyester	1	■ Neon Orange	6.5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NOS	2	Pritex™	Textured Filament Polyester	1	■ Neon Orange	5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NPL	2	Pritex™	Textured Filament Polyester	1	■ Neon Pink	6.5"	10", 12", 14", 16", 18", 20", 22", 24"
15-218NPS	2	Pritex™	Textured Filament Polyester	1	■ Neon Pink	5"	10", 12", 14", 16", 18", 20", 22", 24"

\* Does not comply with federal regulations for food contact



AVAILABLE IN NEON COLORS



## 15-218NPL

- Good cut protection
- Breathable and comfortable
- Silicone and Latex free
- Lint free
- Made from component materials that comply with federal regulations for food contact 21CFR 170-199
- Antimicrobial
- Hi-Vis color for enhanced visibility

APPLICATIONS: Sheet Metal Fabrication, Painting, Canning, Recycling, Assembly, Plastic Molding, Food Processing

# DUCK, DENIM & COTTON FOR ABRASION PROTECTION

## GENERAL PURPOSE

STYLE NUMBER	MATERIAL	CONSTRUCTION	PLY	COLOR	LENGTHS AVAILABLE
31-48182	Duck	Elastic over-stitched at both ends	1	■ White	10", 12", 14", 16", 18", 20", 22", 24"
23-44182	Denim	Elastic over-stitched at both ends	1	■ Blue	10", 12", 14", 16", 18", 20", 22", 24"
31-C-18	Cotton	Seamless knit, unsewn edges	1	■ White	10", 12", 14", 16", 18", 20", 22", 24"
31-CS18	Cotton	Seamless knit, over-stitched at both ends	1	■ White	10", 12", 14", 16", 18", 20", 22", 24"
31-CDS18	Cotton	Seamless knit	2	■ White	10", 12", 14", 16", 18", 20", 22", 24"



DUCK

DENIM

COTTON

# CUSTOM OPTIONS FOR ENHANCED

When it comes to arm protection, you don't have to settle for what's already out there. Identify your safety need, then customize your solution by choosing the **Material, Size, and Option(s)** to maximize performance.

**Call PIP at  
1-800-262-5755**

For part numbers and pricing for your order, or if a custom option you need is not listed here.



Orders will ship within 2 weeks  
(up to 4 weeks for Pritex sleeves).

## APPLICATION & MATERIAL SELECTION

			PLY	STRUCTURE	
<b>CUT PROTECTION</b>	<b>ANSI 4</b>	Dyneema® Diamond Technology	2	Tube Knit	
		ACP™ Technology with DuPont™ Kevlar®	2	Tube Knit	
		Pritex™ / DuPont™ Kevlar® Blend	1	Tube Knit	
	<b>ANSI 3</b>	DuPont™ Kevlar®	2	Tube Knit	
		DuPont™ Kevlar® / Cotton	2	Tube Knit	
		ACP™ Technology with DuPont™ Kevlar®	1	Tube Knit	
	<b>ANSI 2</b>	Dyneema® Diamond Technology	1	Tube Knit	
		DuPont™ Kevlar®	1	Tube Knit	
		DuPont™ Kevlar® / FR Viscose	1	Cut & Sewn	
Pritex™		1	Tube Knit		
High heat & thermal		DuPont™ Kevlar® / FR Viscose	1	Cut & Sewn	
FR Green		1	Cut & Sewn		
<b>HEAT PROTECTION*</b>	Light heat	DuPont™ Kevlar®	1	Tube Knit	
	<b>ANSI 4</b>	<b>2 PPE</b>	ACP™ Technology with DuPont™ Kevlar® (AR)	1	Tube Knit
			9.5 cal/cm²		
<b>ARC FLASH PROTECTION</b>	Meets FDA 21CFR 170-199 Food Handling Requirements	Dyneema® Diamond Technology	1	Tube Knit	
		Pritex™	1	Tube Knit	
<b>FOOD HANDLING</b>		Cotton	1	Tube Knit	
		Duck	1	Cut & Sewn	
<b>GENERAL PURPOSE</b>		Denim	1	Cut & Sewn	

\* Not NFPA 2112 certified and not ARC-rated

## SIZE SELECTION

STANDARD LENGTH	STANDARD WIDTH
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"
10" - 24" <i>in 2" increments</i>	3", 3.5" or 4"

\*\* Custom sizes available upon request

# PERFORMANCE

## OPTIONS SELECTION

### FINGER & THUMB OPTIONS



▲ Thumb hole



▲ Thumb slot (bar tack)



▲ Elastic thumb



▲ Half thumb

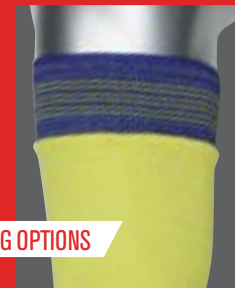


▲ Additional bar tacks for fingers

### TOP OF THE ARM OPTIONS



▲ Nonslip Top



▲ 2" Blue/Gold Elastic



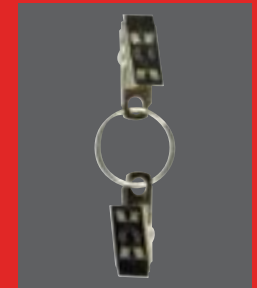
▲ 3/4" White Elastic



▲ Velcro Closure



▲ Nylon Strap w/ Ring & Clip  
(for shirt)



▲ Double Clip & Ring  
110-SLEEVECLIP