



SWSI

Southern Welding Systems International LLC

Welding | Industrial | Safety

International Wholesale Distribution

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High Temperature Hand & Body Protection

Stanco's Hi-Temp Gloves, Mitts and Protective Clothing have been designed for maximum protection in the most adverse work conditions. Steel mills, foundries and casting operations, to name a few, have job applications that require hand and body protection for temperatures exceeding 2000°F. Special aramid fabrics, heavy linings and full cut patterns in a variety of designs are available in this line. All styles sewn completely with heavy Kevlar Thread.

What Kind of Heat Is It?

It is important to understand the types of heat in order to select the proper gloves and clothing for protection.

Radiant:

Generated by a heat source. An example would be a fireplace or the sun. The materials being struck absorb the heat's rays (it's hotter standing in the sun than in the shade).

Ambient:

The surrounding atmospheric temperature in a particular environment. Example: 72°F in your home; 92°F on the golf course in July; 1800°F in a flaming building.

Conductive:

Direct contact with hot surfaces. Example: touching a hot piece of metal at 800°F or leaning against a heat treating oven at 1,000°F.

How Much Heat Will It Take?

A good and often asked question for hand protection fabrics. The information noted below is to be used as a guide only. The work environment and area of intended use should be checked for: **Weight** of items being handled; **Temperature** (contact) and **Time**. Then, consult our customer service department or your factory sales representative.

Material	Product Prefix	Max. Temp. Range	Abrasion Resistance*
22 Oz. Kevlar blend Terrycloth	K	800° F	3
Kevlar Terrycloth	TK	1,000° F	4
8 Oz. Kevlar Twill, 100% Kevlar	KT	900° F	4
Leather, Cowhide Split	L	450° F	5
Kevlar/PBI blend, 22.0 oz.	KP	1,350° F	3
Kevlar/PBI blend 45.0 oz.	HKP	2,000° F	3
Fiberglass, 36 oz. coated	HG	2,000° F	3
Fiberglass, 30 oz.	G	1,000° F	2

*1—Poor, 2—Moderate, 3—Good, 4—Very Good, 5—Best

Stanco
SAFETY PRODUCTS™

Aluminized Fabric Protective Clothing



Stanco's Aluminized Clothing line provides primary protection to workers exposed to molten metal splash, sparks and radiant heat. We have a variety of aluminized fabrics to offer, depending on work conditions and heat exposure, all provide: abrasion resistance, reflectiveness for extended periods of time, molten metal splash resistance, and generally greater protection.

Prefix	Material	Characteristics
AR	Aluminized PFR Rayon, 16 oz.	Good reflectivity & radiant heat protection, economical, low burn-through resistance.
APB	Aluminized PBI, 8 oz.	Lightweight and good reflectivity, low burn-through resistance.
AK	Aluminized Kevlar, 17 oz.	Moderate burn-through resistance, excellent against most acids, reflects well against radiant heat.
ACK	Aluminized Carbon Kevlar, 17 oz.	Excellent burn-through resistance, lightweight and flexible.

Aprons*

All solid construction (not pieced), leather ties and straps.

AR24W	24"X24" Waist Apron.	AR48B	24"X48" Bib Apron.
AR30B	24"X30" Bib Apron.	AR42SL	24"X42" Split-leg Apron
AR36B	24"X36" Bib Apron.	AR48SL	24"X48" Split-leg Apron.
AR42B	24"X42" Bib Apron.		

**Also made from APB, AK, and ACK.. Please see our current price schedule and specific type of material by prefix when ordering.*

Sleeves/Cape Sleeves*

AR18E	18" Sleeves with elastic at both ends.
AR23E	23" Sleeves with elastic at both ends.
AR601-14	Cape Sleeve with collar, inset sleeves, 14" detachable bib.
AR601-20	Same as AR601-14 except bib is 20" in length.

**Also made from AK, ACK. Please see our current price schedule and specific type of material by prefix when ordering.*

See
Detailed
Sizing
Chart,
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Jackets/Coats*

Constructed with set-in sleeves, concealed front snap closures with leather pull tabs. Full raglan and half raglan sleeves also available. Check with your Stanco Customer Service Representative. All are lock-stitched, Kevlar sewn and have a stand-up collar.

AR630	30" Coat.
AR640	40" Coat.
AR650	50" Coat.
AR645SG	45" Coat, surgical style, open back, closed front, with sleeves.
APB640RFR	40" Coat made from lightweight, 8 oz. Aluminized Kevlar/P.B.I. Removable snap-out type liner made from 9 oz. FR Green Cotton. Unit weight less then 2.5 lbs!

**Also made from APB, AK, ACK. Please see our current price schedule and specific type of material by prefix when ordering.*

**Stanco Aluminized Clothing
offers Protection & Durability!**

Aluminized Fabric Protective Clothing



AR645SG

AR601-20

AR42SL

AK39 Boot Covers



AR505

AR506

APB640RFR Coat
APB511RFR Pants



AR35



AR27

AK39



AK1329VC



Rear views of Stanco's AR505 Chaps and AR506 Slip-on Leggings

Chaps/Leggings/Spats*

- AR505 24"X39" Chaps, waist style with open back and adjustable belt and leg strap. No-flare.
- AR506 40" Slip-On Leggings are interchangeable for either leg. Has flare and belt fastener.
- AR35 Deluxe Spat with elastic top and metal stays.
- AR37 Standard Spat.
- AR25 Knee Length Legging with side bar type and snap closure.
- AR27 Deluxe Replaceable Spring-Type Legging.

Stanco Aluminized Clothing is available in PFR Rayon, PBI, Kevlar & Carbon Kevlar!

Pants/Bib Overalls/Coveralls*

- AR510 Pants with waist and inseam sizing with snap fly closure.
- APB511RFR Pants made of Aluminized PBI with removable FR cotton liner with Velcro closure (As a set, order APB640RFR coat).
- AR670 Aluminized Rayon Bib Overalls, Sized S-3XL.
- AR680 Aluminized Rayon Full Coveralls, Sized S-3XL.

*Other aluminized materials available.

Hoods, Boot Covers and Accessories

- AK710 Aluminized Kevlar Hood with 7"X11" window with gold lens for full face, head and shoulder protection.
- AK39 Aluminized Kevlar Boot Covers. Designed to slip over work shoes. Insulated and non-skid soles.
- AK1329VC Aluminized Kevlar Shroud for neck and back protection. 13"X29" Velcro attachment.