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Approach Suit
Approach to within a few yards of flames and radiant heat up to 2000°F.
Jumpsuits and coats may also be adapted to be worn with breathing apparatus.

- 0647-(Fabric) Hood
- 671-(Fabric) Overshoes
- 600-(Fabric) Jacket 30''
- 234-(Fabric) Gloves
- 606-(Fabric) Pants

Aluminized clothing has a wide range of applications in the industrial setting, especially where such hazards as high heat or molten metal exist. Along with the ability to reflect 95% of radiant heat, aluminized fabrics reduce the flow of ambient heat by 50% versus non-aluminized fabric. Aluminized clothing helps shed both ferrous and non-ferrous molten metals.

**A WORD OF CAUTION:**
DO NOT CONFUSE AMBIENT, CONDUCTIVE AND RADIANT HEAT!

The following definitions are given as a reference as well as vital assistance in selecting the proper clothing for heat protection:

**Ambient Heat** is the surrounding atmospheric temperature in a given situation. Examples: 65º-70ºF in an office; 2000ºF in a fire walk.

**Conductive Heat** is generated by direct contact with a hot surface. Examples: picking up a burner block at 600ºF; leaning against a furnace wall at 1000ºF.

**Radiant Heat** is generated by the sun or a source of fire, such as a fireplace or furnace, and is absorbed by masses of material struck by the heat’s rays. (This is why it is cooler in the shade on a hot day.)

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**Garment Styles**

<table>
<thead>
<tr>
<th>Jacket-30''</th>
<th>Coat-40''</th>
<th>Coat-45''</th>
</tr>
</thead>
<tbody>
<tr>
<td>600-(Fabric)</td>
<td>601-(Fabric)</td>
<td>602-(Fabric)</td>
</tr>
</tbody>
</table>
**Primary Protective Clothing Data**
Protective clothing designed to be worn for work activities during which significant exposure to molten substance splash, radiant heat, and flame is likely to occur.
Such work activities include charging, taping, and pouring, during which work is carried out in close proximity to molten substances and hot surfaces and contact with either is likely.

<table>
<thead>
<tr>
<th>Garment</th>
<th>30&quot;</th>
<th>40&quot;</th>
<th>45&quot;</th>
<th>50&quot;</th>
<th>PANT</th>
<th>COVERALL</th>
<th>40&quot; OPEN BACK COAT</th>
<th>HOOD</th>
<th>39&quot; APRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 oz KEVLAR® BLEND</td>
<td>600-AKV</td>
<td>601-AKV</td>
<td>602-AKV</td>
<td>603-AKV</td>
<td>606-AKV</td>
<td>605-AKV</td>
<td>564-AKV-40</td>
<td>0647-AKV</td>
<td>539-AKV</td>
</tr>
<tr>
<td>19 oz RAYON</td>
<td>600-ARH</td>
<td>601-ARH</td>
<td>602-ARH</td>
<td>603-ARH</td>
<td>606-ARH</td>
<td>605-ARH</td>
<td>564-ARH-40</td>
<td>0647-ARH</td>
<td>539-ARH</td>
</tr>
<tr>
<td>15 oz RAYON</td>
<td>600-AR</td>
<td>601-AR</td>
<td>602-AR</td>
<td>603-AR</td>
<td>606-AR</td>
<td>605-AR</td>
<td>564-AR-40</td>
<td>0647-AR</td>
<td>539-AR</td>
</tr>
<tr>
<td>17 oz CARBON KEVLAR®</td>
<td>600-ACK</td>
<td>601-ACK</td>
<td>602-ACK</td>
<td>603-ACK</td>
<td>606-ACK</td>
<td>605-ACK</td>
<td>564-ACK-40</td>
<td>0647-ACK</td>
<td>539-ACK</td>
</tr>
<tr>
<td>10 oz CARBONX®</td>
<td>600-ACX10</td>
<td>601-ACX10</td>
<td>602-ACX10</td>
<td>603-ACX10</td>
<td>606-ACX10</td>
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<td>564-ACX10-40</td>
<td>0647-ACX10</td>
<td>539-ACX10</td>
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<tr>
<td>16 oz FIBERGLASS</td>
<td>600-AG</td>
<td>601-AG</td>
<td>602-AG</td>
<td>603-AG</td>
<td>606-AG</td>
<td>605-AG</td>
<td>564-AG-40</td>
<td>0647-AG</td>
<td>539-AG</td>
</tr>
<tr>
<td>11 oz KEVLAR® TWILL</td>
<td>600-AKT</td>
<td>601-AKT</td>
<td>602-AKT</td>
<td>603-AKT</td>
<td>606-AKT</td>
<td>605-AKT</td>
<td>564-AKT-40</td>
<td>0647-AKT</td>
<td>539-AKT</td>
</tr>
<tr>
<td>7 oz PBI®</td>
<td>600-APBI</td>
<td>601-APBI</td>
<td>602-APBI</td>
<td>603-APBI</td>
<td>606-APBI</td>
<td>605-APBI</td>
<td>564-APBI-40</td>
<td>0647-APBI</td>
<td>539-APBI</td>
</tr>
<tr>
<td>8.5 oz NOMEX®</td>
<td>600-AN</td>
<td>601-AN</td>
<td>602-AN</td>
<td>603-AN</td>
<td>606-AN</td>
<td>605-AN</td>
<td>564-AN-40</td>
<td>0647-AN</td>
<td>539-AN</td>
</tr>
</tbody>
</table>

**Secondary Protective Clothing Data**
Protective clothing designed for continuous wear for work activities in designated locations in which intermittent exposure to molten substance splash, radiant heat, and flame sources is possible.
Secondary protective clothing is designed so that it will not continue to burn after exposure to and removal of a source of ignition. Protection against metal splash and radiant heat are secondary in intent.

**Garment Styles**
- **Coat-50''**
- **Aluminized Pants**
- **Aluminized Coverall**
- **40" Open Back Coat**
- **Combo Coat**
Fire Entry Suit #FE2000-XB
The ultimate insulated suit constructed of ZETEX PLUS® high temperature fabric for maximum protection in total flame entry.

HOOD: Designed to be used with air mask. Inner drape flame seals. Underarm adjustment straps. Built-in shell for structural support. Hard cap with ratchet headgear. Speedy clip for hard cap support. Hardened aluminum window frame with two tempered glass lenses, plus two gold plated lenses for thermal protection.

COAT: Designed to be worn with a breathing apparatus. Double storm fly front. Flame seal with drawstring at coat bottom.

PANTS: High waist design. 2-inch wide adjustable suspenders. Adjustment straps on leg bottoms.

BOOTS: Designed to fit over work shoes. Rear entry with overlap snap closure and adjustable take-up straps. Insulated wire reinforced sole of flame resistant neoprene fiberglass riveted to boot cover. All straps and bindings are ZETEX PLUS®.

MITTS: Heavyweight all ZETEX PLUS® construction.

WEIGHT: 48 lbs (22 kg)

Kiln Suit #KL850-XB
Highly insulated suit with aluminized ZETEX® fabric outer shell and internal vapor barrier.

HOOD: Designed like the fire entry hood. Hardened aluminum window frame with tempered glass lenses.

COAT: Designed to be worn with a breathing apparatus. Double storm fly front. Flame seal with drawstring at coat bottom.

PANTS: High waist design. 2-inch wide adjustable suspenders. Adjustable straps on leg bottoms. ZETEX PLUS® reinforced knee pads.

BOOTS: Designed to fit over work shoes. Heavy insulated upper boot cover with zipper and storm fly. Adjustable tightening straps. 1-inch wooden sole with anti-slip bottoms. Inside leather toe and ankle adjustable straps. ZETEX PLUS® binding.

MITTS: ZETEX PLUS® palm and thumb. Aluminized back and cuff.

Proximity Suit #PR750-(XB)
Insulated suit with aluminized ZETEX® fabric outer shell and double vapor barrier.

HOOD: Full shoulder length drape. Adjustable underarm straps. Built-in shell for structural support. Hard cap with ratchet adjustment. Speedy clip for hard cap support. 6” x 9½” gold window and aluminum retainer. Two side wing locks for holding lens and retainer in place.

COAT: Available with or without breathing apparatus accommodation. Double storm fly front. Flame seal with drawstring at coat bottom.

PANTS: High waist design. 2-inch wide adjustable suspenders. Adjustment straps on leg bottoms.

BOOTS: Designed to fit over work shoes. Leather insulated soles. Adjustment tightening straps. ZETEX PLUS® binding.

MITTS: ZETEX PLUS® palm and thumb. Aluminized back and cuff.

Approach Suit #AP550-(XB)
Vapor barrier lining of flame retardant neoprene coated FR poly-cotton.

HOOD: Designed like proximity hood with built-in shell for structural support. Hard cap with ratchet adjustment. Speedy clip for hard cap support. Full-length drape is not insulated.

COAT: Tailored sleeves with snap adjustment. Covered front snaps. Available with or without breathing apparatus accommodation.

PANTS: High waist design. 8-point all elastic adjustable suspenders (firefighter’s type). Snapped triangular storm fly front. Snap adjustment on leg bottoms.

BOOTS: Designed to fit over work shoes. Leather soles and heels. Adjustment tightening straps.

GLOVES: Gauntlet style with leather palms. S.E.F. lining in fingers.

APPLICATIONS
Our suits are used in industries where protection from high heat sources, including steam and hot liquids or vapors, is required. Examples would be refineries, petrochemical plants, foundries and casting plants, basic steel and aluminum industries, glass and ceramic plants, and laboratories.

Our FIRE ENTRY suit is an essential safety measure for industries dealing with volatile or highly flammable materials. The KILN and PROXIMITY suits are used for maintenance tasks in high heat areas such as kiln or oven maintenance and repair. The Proximity suit, with its double vapor barrier, should be used when steam and volatile materials present an additional hazard. The Kiln suit is suitable for short duration in ambient heat up to 1000°F (530°C) and the Proximity suit in ambient heat up to 500°F (260°C).
Vortex Cooling Vest
#HCBV-VEST
Vortex head and body cooling system uses 70-100 psi (4.8-6.9 bar) compressed air to cool a worker up to 60°F differential from the air inlet temperature. Vest makes most efficient use of cooling power by properly distributing tempered air over the body.

Proximity Suits/Cooling Vests

Proximity Suit
Approach Suit, Lined

Gel Pack Cooling Vest
#CV-VEST
One size fits all. Requires 6 each polyethylene gel packs per vest. Three each in front and 3 each in back. Packs are frozen and then placed in the foil insulated pockets to keep wearer cool in hot environments.

FR-7A® Cooling Vest
#CV-VEST
One size fits all. Requires 6 each polyethylene gel packs per vest. Three each in front and 3 each in back. Packs are frozen and then placed in the foil insulated pockets to keep wearer cool in hot environments.

Vortex Cooling Vest
#HCBV-VEST
Vortex head and body cooling system uses 70-100 psi (4.8-6.9 bar) compressed air to cool a worker up to 60°F differential from the air inlet temperature. Vest makes most efficient use of cooling power by properly distributing tempered air over the body.

The non-insulated APPROACH suit is used in just about every industry requiring heat protective clothing. It is suitable where ambient temperatures do not exceed 200°F (93°C).
All suits with aluminized ZETEX® outer shell fabric are suitable for exposure to radiant heat up to 2000°F (1093°C).
Breathing apparatus is required for the Kiln and Entry suits, and is optional for the Proximity and Approach suits. We do, however, recommend that Proximity suits be ordered with breathing apparatus accommodation.
ALWAYS have two people suited with Fire Entry, Kiln and Proximity suits to work in relays and to aid each other.
Flame Resistant Cotton Workwear

**PROBAN®/FR-7A®**

Proban® / FR-7A® 100% cotton fabrics by Westex are guaranteed to retain their flame resistance to 25 industrial or 50 home launderings. FR-7A® fabrics are offered as an economical alternative for garments not expected to wear beyond the certification point.

**Weight:** 9 - 9½ oz sateen, 11 oz twill.

**Most popular colors:** Visual green, navy, yellow, orange, and red.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Color</th>
<th>30” COAT</th>
<th>40” COAT</th>
<th>45” COAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 oz</td>
<td>GREEN</td>
<td>600-GR</td>
<td>601-GR</td>
<td>602-GR</td>
</tr>
<tr>
<td>9 oz</td>
<td>NAVY</td>
<td>600-NS</td>
<td>601-NS</td>
<td>602-NS</td>
</tr>
<tr>
<td>9 oz</td>
<td>ORANGE</td>
<td>600-OS</td>
<td>601-OS</td>
<td>602-OS</td>
</tr>
<tr>
<td>9 oz</td>
<td>RED</td>
<td>600-RS</td>
<td>601-RS</td>
<td>602-RS</td>
</tr>
<tr>
<td>11 oz</td>
<td>GREEN</td>
<td>600-GW</td>
<td>601-GW</td>
<td>602-GW</td>
</tr>
<tr>
<td>11 oz</td>
<td>NAVY</td>
<td>600-NW</td>
<td>601-NW</td>
<td>602-NW</td>
</tr>
<tr>
<td>11 oz</td>
<td>ORANGE</td>
<td>600-OW</td>
<td>601-OW</td>
<td>602-OW</td>
</tr>
<tr>
<td>11 oz</td>
<td>RUSSET</td>
<td>600-RRT</td>
<td>601-RRT</td>
<td>602-RRT</td>
</tr>
<tr>
<td>7 oz</td>
<td>GREEN</td>
<td>600-GR7</td>
<td>601-GR7</td>
<td>602-GR7</td>
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</tbody>
</table>

Garment Styles

<table>
<thead>
<tr>
<th>30” Jacket &amp; Pant</th>
<th>40” Coat</th>
<th>45” Coat</th>
<th>50” Coat</th>
</tr>
</thead>
<tbody>
<tr>
<td>600-(Fabric)</td>
<td>601-(Fabric)</td>
<td>602-(Fabric)</td>
<td>603-(Fabric)</td>
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</tbody>
</table>

Flame Resistant Cotton Workwear

Proban® / FR-7A® 100% cotton fabrics by Westex are guaranteed to retain their flame resistance to 25 industrial or 50 home launderings. FR-7A® fabrics are offered as an economical alternative for garments not expected to wear beyond the certification point.

**Weight:** 9 - 9½ oz sateen, 11 oz twill.

**Most popular colors:** Visual green, navy, yellow, orange, and red.

<table>
<thead>
<tr>
<th>Weight</th>
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<th>30” COAT</th>
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<th>45” COAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 oz</td>
<td>GREEN</td>
<td>600-GR</td>
<td>601-GR</td>
<td>602-GR</td>
</tr>
<tr>
<td>9 oz</td>
<td>NAVY</td>
<td>600-NS</td>
<td>601-NS</td>
<td>602-NS</td>
</tr>
<tr>
<td>9 oz</td>
<td>ORANGE</td>
<td>600-OS</td>
<td>601-OS</td>
<td>602-OS</td>
</tr>
<tr>
<td>9 oz</td>
<td>RED</td>
<td>600-RS</td>
<td>601-RS</td>
<td>602-RS</td>
</tr>
<tr>
<td>11 oz</td>
<td>GREEN</td>
<td>600-GW</td>
<td>601-GW</td>
<td>602-GW</td>
</tr>
<tr>
<td>11 oz</td>
<td>NAVY</td>
<td>600-NW</td>
<td>601-NW</td>
<td>602-NW</td>
</tr>
<tr>
<td>11 oz</td>
<td>ORANGE</td>
<td>600-OW</td>
<td>601-OW</td>
<td>602-OW</td>
</tr>
<tr>
<td>11 oz</td>
<td>RUSSET</td>
<td>600-RRT</td>
<td>601-RRT</td>
<td>602-RRT</td>
</tr>
<tr>
<td>7 oz</td>
<td>GREEN</td>
<td>600-GR7</td>
<td>601-GR7</td>
<td>602-GR7</td>
</tr>
</tbody>
</table>

Garment Styles

<table>
<thead>
<tr>
<th>30” Jacket &amp; Pant</th>
<th>40” Coat</th>
<th>45” Coat</th>
<th>50” Coat</th>
</tr>
</thead>
<tbody>
<tr>
<td>600-(Fabric)</td>
<td>601-(Fabric)</td>
<td>602-(Fabric)</td>
<td>603-(Fabric)</td>
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</tbody>
</table>

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## Flame Resistant Cotton Workwear

<table>
<thead>
<tr>
<th>Garment Styles</th>
<th>Coverall</th>
<th>Cape Sleeve</th>
<th>Bib Overall</th>
<th>Shirt &amp; Pant</th>
</tr>
</thead>
<tbody>
<tr>
<td>605-(Fabric)</td>
<td>577-(Fabric) Bib-19-(Fabric)</td>
<td>618-(Fabric)</td>
<td>625-(Fabric) and 606-(Fabric)</td>
<td>603-GR</td>
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<tr>
<td>603-GR</td>
<td>605-GR</td>
<td>606-GR</td>
<td>625-GR</td>
<td>577-GR</td>
</tr>
<tr>
<td>603-NS</td>
<td>605-NS</td>
<td>606-NS</td>
<td>N/A</td>
<td>577-NS</td>
</tr>
<tr>
<td>603-OS</td>
<td>605-OS</td>
<td>606-OS</td>
<td>N/A</td>
<td>577-OS</td>
</tr>
<tr>
<td>603-OW</td>
<td>605-OW</td>
<td>606-OW</td>
<td>N/A</td>
<td>577-OW</td>
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<tr>
<td>603-RRT</td>
<td>605-RRT</td>
<td>606-RRT</td>
<td>N/A</td>
<td>577-RRT</td>
</tr>
<tr>
<td>603-GR7</td>
<td>N/A</td>
<td>N/A</td>
<td>625-GR7</td>
<td>N/A</td>
</tr>
<tr>
<td>9 oz GREEN</td>
<td>603-GR</td>
<td>605-GR</td>
<td>606-GR</td>
<td>625-GR</td>
</tr>
<tr>
<td>9 oz NAVY</td>
<td>603-NS</td>
<td>605-NS</td>
<td>606-NS</td>
<td>N/A</td>
</tr>
<tr>
<td>9 oz ORANGE</td>
<td>603-OS</td>
<td>605-OS</td>
<td>606-OS</td>
<td>N/A</td>
</tr>
<tr>
<td>9 oz RED</td>
<td>603-RS</td>
<td>605-RS</td>
<td>606-RS</td>
<td>N/A</td>
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<tr>
<td>11 oz GREEN</td>
<td>603-GW</td>
<td>605-GW</td>
<td>606-GW</td>
<td>N/A</td>
</tr>
<tr>
<td>11 oz NAVY</td>
<td>603-NW</td>
<td>605-NW</td>
<td>606-NW</td>
<td>N/A</td>
</tr>
<tr>
<td>11 oz ORANGE</td>
<td>603-OW</td>
<td>605-OW</td>
<td>606-OW</td>
<td>N/A</td>
</tr>
<tr>
<td>11 oz RUSSET</td>
<td>603-RRT</td>
<td>605-RRT</td>
<td>606-RRT</td>
<td>N/A</td>
</tr>
<tr>
<td>7 oz GREEN</td>
<td>603-GR7</td>
<td>N/A</td>
<td>N/A</td>
<td>625-GR7</td>
</tr>
</tbody>
</table>

Garment Styles:
- **Coverall**: 50" COAT
- **Coverall**: COVERALL
- **Coverall**: PANT
- **Coverall**: SHIRT
- **Coverall**: CAPE SLEEVE
- **Coverall**: 19" BIB
- **Coverall**: BIB OVERALL

Colors available:
- **9 oz GREEN**
- **9 oz NAVY**
- **9 oz ORANGE**
- **9 oz RED**
- **11 oz GREEN**
- **11 oz NAVY**
- **11 oz ORANGE**
- **11 oz RUSSET**

Fabric options:
- 603-(Fabric)
- 605-(Fabric)
- 606-(Fabric)
- 625-(Fabric)
- 577-(Fabric)
- BIB-19-(Fabric)
- BIB-GR-19
- BIB-NS-19
- BIB-OS-19
- BIB-RS-19
- BIB-GW-19
- BIB-NW-19
- BIB-OW-19
- BIB-RRT-19
- BIB-GR7
- BIB-NS7
- BIB-OS7
- BIB-RS7
- BIB-GW7
- BIB-NW7
- BIB-OW7
- BIB-RRT7
- BIB-GR
- BIB-NS
- BIB-OS
- BIB-RS
- BIB-GW
- BIB-NW
- BIB-OW
- BIB-RRT
- BIB-GR7
- BIB-NS7
- BIB-OS7
- BIB-RS7
- BIB-GW7
- BIB-NW7
- BIB-OW7
- BIB-RRT7

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HRC2 DAILY WEAR

ULTRA SOFT® Medium Blue Work Shirt
7 oz Ultra Soft®
Medium Blue, 8.7 ATPV
Part #625-USB-{size}
Category 2

ULTRA SOFT® Khaki Work Shirt
7 oz Ultra Soft®
Khaki, 8.7 ATPV
Part #625-USK-{size}
Category 2

ULTRA SOFT® Navy Work Pant
9 oz Navy Ultra Soft®,
12.4 ATPV
Part # 606-USN-{waist x inseam}
Category 2
INDURA®
Navy Coverall
9 oz Navy Indura®
10 ATPV
Part # 605-IND-N-{size}
Category 2

ULTRA SOFT®
Khaki or Navy Coverall
7 oz Khaki Ultra Soft®, 8.7 ATPV
Part # 605-USK-{size}
9 oz Navy Ultra Soft®, 12 ATPV
Part # 605-USN-{size}
Category 2

DENIM RUGGED TWILL
Relaxed Jean
12 oz Denim Inherently FR
14.2 ATPV
Part # 606-DFR-{waist x inseam}
Category 2
SWEATSHIRTS/T-SHIRTS

ULTRA SOFT®
Fleece Full Zip
Hooded Sweatshirt
Part # 615-USFN-(size)
Category 2

ULTRA SOFT®
Fleece Hooded Sweatshirt
Part # 617-USFN-(size)
Category 2

ULTRA SOFT®
Fleece Crewneck Sweatshirt
Part # 620-USFN-(size)
Category 2

FR TREATED COTTON
Interlock Short Sleeve Shirt
Sizes: S-5XL Colors: Navy, Orange, Gray
10.9 ATPV
Part # 610-FRC-SS-(color)-(size)
Category 2

FR TREATED COTTON
Interlock Long Sleeve Shirt
Sizes: S-5XL Colors: Navy, Orange, Gray
10.9 ATPV
Part # 610-FRC-LS-(color)-(size)
Category 2
Knitted Indura® Ultra Soft®
Unlined, napped side to skin.
Cape style (pictured)  
# WL-29D

9 oz woven Indura® Ultra Soft® fleece lined.
Cape style (pictured)  
# EL-29D
Short no cape style  
# EL-27D

Durable FR Winter liners

Indura® Ultra Soft®
Our Indura® Ultra Soft® Deluxe cold climate FR work wear with wind barrier has proven warmth and flame resistance.

Enlarged view

Insulated Coverall
Royal part # 605-CC-USR-(size)  
Red part # 605-CC-USR-(size)
S-4XL in regular  
LT-4XLT in talls

Sizes available

Insulated Parka & Bib
Royal part # 600-CC-USR-(size)  
Red part # 600-CC-USR-(size)
Royal part # 618-CC-USR-(size)  
Red part # 618-CC-USR-(size)

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Clothing in our HRC2 kits is manufactured using single layers of Ultra Soft. Choose between 8, 12, and 20 cal/cm² kits. Plug 8, 12, or 20 into below kit part numbers when ordering.
COAT & LEGGING KIT
Part # AG12-CL-[size] Components
- Coat (SWC-12)
- Leggings (SW-401-12)
- Hard Cap [E2RW-SLT]
- Face Shield [WV-ARC-XL-CN]
- Chin Cup [SW-CN-G]
- Cap Bracket [HB-2-CAP]
- Knit Nomex Hood [KN-51-NFPA]
- Rubber Gloves [LRIG-0-11]
- Leather Protector Gloves [PG-0-ADJS]
- 12” Glove Bag [GB-12]
- Gear Bag [909-ARC]
- Safety Glasses [SW-SG]
- Ear Plugs [SW-EAR]

JACKET & PANT KIT
Part # AG12-JP-[size] Components
- Jacket [SWJ-12]
- Pant [SWP-12]
- Hard Cap [E2RW-SLT]
- Face Shield [WV-ARC-XL-CN]
- Chin Cup [SW-CN-G]
- Cap Bracket [HB-2-CAP]
- Knit Nomex Hood [KN-51-NFPA]
- Rubber Gloves [LRIG-0-11]
- Leather Protector Gloves [PG-0-ADJS]
- 12” Glove Bag [GB-12]
- Gear Bag [909-ARC]
- Safety Glasses [SW-SG]
- Ear Plugs [SW-EAR]
Clothing in these HRC3 & 4 kits is manufactured using multiple layers of Ultra Soft®. Choose between 32 and 43 cal/cm² kits. Plug 32 or 43 into below kit part numbers when ordering.

**COVERALL KIT**
Part # AG43-CV-(size) Components

- Coverall (SW-605-43)
- Hood (SWH-43)
- Hard Cap (E2RW-SLT)
- Rubber Gloves (LRIG-2-14)
- Leather Protector Gloves (LLPG-12)
- 15” Glove Bag (GB-15)
- Gear Bag (909-ARC)
- Safety Glasses (SW-SG)
- Ear Plugs (SW-EAR)

**JACKET & PANT KIT**
Part # AG43-JP-(size)

- Jacket (SWJ-43)
- Over Pant (SWP-43)
- Hood (SWH-43)
- Hard Cap (E2RW-SLT)
- Rubber Gloves (LRIG-2-14)
- Leather Protector Gloves (LLPG-12)
- 15” Glove Bag (GB-15)
- Gear Bag (909-ARC)
- Safety Glasses (SW-SG)
- Ear Plugs (SW-EAR)
<table>
<thead>
<tr>
<th>JACKET &amp; BIB KIT</th>
<th>COAT &amp; LEGGING KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Part # AG43-(size) Components</strong></td>
<td><strong>Part # AG43-CL-(size) Components</strong></td>
</tr>
<tr>
<td>Jacket (SWJ-43)</td>
<td>Coat (SWC-43)</td>
</tr>
<tr>
<td>Bib Overall (SWB-43)</td>
<td>Leggings (SW-401-43)</td>
</tr>
<tr>
<td>Hood (SWH-43)</td>
<td>Hood (SWH-43)</td>
</tr>
<tr>
<td>Hard Cap (EZRW-SLT)</td>
<td>Hard Cap (EZRW-SLT)</td>
</tr>
<tr>
<td>Rubber Gloves (LRIG-2-14)</td>
<td>Rubber Gloves (LRIG-2-14)</td>
</tr>
<tr>
<td>Leather Protector Gloves (LLPG-12)</td>
<td>Leather Protector Gloves (LLPG-12)</td>
</tr>
<tr>
<td>15” Glove Bag (GB-15)</td>
<td>15” Glove Bag (GB-15)</td>
</tr>
<tr>
<td>Gear Bag (909-ARC)</td>
<td>Gear Bag (909-ARC)</td>
</tr>
<tr>
<td>Safety Glasses (SW-SG)</td>
<td>Safety Glasses (SW-SG)</td>
</tr>
<tr>
<td>Ear Plugs (SW-EAR)</td>
<td>Ear Plugs (SW-EAR)</td>
</tr>
</tbody>
</table>
ARC FLASH PROTECTION KITS

44 and 74 cal/cm² kits are manufactured using inherently FR materials.
Choose between 44 and 74 cal/cm² kits and plug into below kit part numbers when ordering.
Lightweight options for HRC4.

MASTER SERIES JACKET & PANT KIT
Part # AG44-JP-(size) Components
- Jacket (SWJ-MS44)
- Over Pant (SWP-MS44)
- Hood (SWH-44)
- Hard Cap (E2RW-SLT)
- Rubber Gloves (LRIG-2-14)
- Leather Protector Gloves (LLPG-12)
- 15" Glove Bag (GB-15)
- Gear Bag (909-ARC)
- Safety Glasses (SW-SG)
- Ear Plugs (SW-EAR)

COAT & LEGGING KIT
Part # AG44-CL-(size) Components
- Coat (SWC-44)
- Leggings (SW-401-44)
- Hood (SWH-44)
- Hard Cap (E2RW-SLT)
- Rubber Gloves (LRIG-2-14)
- Leather Protector Gloves (LLPG-12)
- 15" Glove Bag (GB-15)
- Gear Bag (909-ARC)
- Safety Glasses (SW-SG)
- Ear Plugs (SW-EAR)
HRC4: 44 & 74 CAL/CM²

Select 44, 74 ATPV from CPA

---

**JACKET & BIB KIT**
Part # AG44-(size) Components

- Jacket (SWJ-44)
- Bib Overall (SWB-44)
- Hood (SWH-44)
- Hard Cap (E2RW-SLT)
- Rubber Gloves (LRIG-2-14)
- Leather Protector Gloves (LLPG-12)
- 15” Glove Bag (GB-15)
- Gear Bag (909-ARC)
- Safety Glasses (SW-SG)
- Ear Plugs (SW-EAR)

---

**Refresh™ AIR FLOW SYSTEM**

Increase your comfort and productivity with CPA’s Refresh™ air flow system.

- **Full Kit** part # RF-KIT
- **Rechargeable battery** part # RF-BATT
- **Bag of 3 filters** part # FR-FLTR

CPA’s waist belt unit minimizes stagnant air in your hood by delivering a steady stream of ambient air flow.

- Our Refresh™ system can be used with any CPA Arc hood as well as with any of our HRC2 face shields.
- Refresh™ fans are not NIOSH approved and do not provide breathable air filtration. They are a means to provide ambient air flow only.
- Refresh™ full kit includes: Fan belt unit with FR cover, hose with FR cover, hard cap with diffuser, rechargeable battery, AC power adapter and two filters.
GLOVES

CLASS 0 GLOVE KIT
Class 0 Rubber Glove
LRIG-0-11-(size)
Leather Protector
PG-0-ADJS-(size)
Glove Bag
GB-12
COMPLETE KIT
GK-0-11-(size)

CLASS 2 GLOVE KIT
Class 2 Rubber Glove
LRIG-2-14-(size)
Leather Protector
LLPG-12-(size)
Glove Bag
GB-15
COMPLETE KIT
GK-2-14-(size)

GLOVE TALC
An accessory for gloves, the 5 oz spray bottle talc helps absorb moisture and perspiration. Facilitates donning and doffing of gloves.

Style # TALC-5-OZ

INSULATED RUBBER GLOVES

<table>
<thead>
<tr>
<th>Class</th>
<th>11&quot; Length</th>
<th>14&quot; Length</th>
<th>16&quot; Length</th>
<th>18&quot; Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>LRIG-00-11-(size)</td>
<td>LRIG-00-14-(size)</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>0</td>
<td>LRIG-0-11-(size)</td>
<td>LRIG-0-14-(size)</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>1</td>
<td>n/a</td>
<td>LRIG-1-14-(size)</td>
<td>LRIG-1-16-(size)</td>
<td>LRIG-1-18-(size)</td>
</tr>
<tr>
<td>2</td>
<td>n/a</td>
<td>LRIG-2-14-(size)</td>
<td>LRIG-2-16-(size)</td>
<td>LRIG-2-18-(size)</td>
</tr>
<tr>
<td>3</td>
<td>n/a</td>
<td>LRIG-3-14-(size)</td>
<td>LRIG-3-16-(size)</td>
<td>LRIG-3-18-(size)</td>
</tr>
<tr>
<td>4</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>LRIG-4-18-(size)</td>
</tr>
</tbody>
</table>

LEATHER PROTECTOR GLOVES

<table>
<thead>
<tr>
<th>Class</th>
<th>10&quot; Length</th>
<th>12&quot; Length</th>
<th>14&quot; Length</th>
<th>16&quot; Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Voltage</td>
<td>PG-0-ADJS</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>High Voltage</td>
<td>LLPG-10-(size)</td>
<td>LLPG-12-(size)</td>
<td>LLPG-14-(size)</td>
<td>LLPG-16-(size)</td>
</tr>
</tbody>
</table>

14" SWITCHING GLOVES
Not Electrically Insulated

<table>
<thead>
<tr>
<th>Class</th>
<th>Proof-test (A,C)</th>
<th>Max. use Voltage (A,C)</th>
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<tbody>
<tr>
<td>00</td>
<td>2,500</td>
<td>500</td>
</tr>
<tr>
<td>0</td>
<td>5,000</td>
<td>1,000</td>
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<tr>
<td>1</td>
<td>10,000</td>
<td>7,500</td>
</tr>
<tr>
<td>2</td>
<td>20,000</td>
<td>17,000</td>
</tr>
<tr>
<td>3</td>
<td>30,000</td>
<td>26,500</td>
</tr>
<tr>
<td>4</td>
<td>40,000</td>
<td>36,000</td>
</tr>
</tbody>
</table>
## FACE SHIELDS/LENSES

### 10 CAL FACE SHIELD UNIT
- **Face Shield**: WV-ARC-XL
- **Cap Bracket**: HB-2-CAP
- **Hard Cap**: E2RW-(Color)
- **COMPLETE KIT**: SW-WVK-(Color)

### 12 CAL CHIN FACE SHIELD UNIT
- **Face Shield**: WV-ARC-XL-CN
- **Chin Cup**: SW-CN-G
- **Cap Bracket**: HB-2-CAP
- **Hard Cap**: E2RW-(Color)
- **COMPLETE KIT**: SW-WVCK-(Color)

### BRACKETS
<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Cap Bracket</td>
<td>HB-2-CAP</td>
</tr>
<tr>
<td>Slotted Cap Bracket</td>
<td>HB-2-SLT</td>
</tr>
<tr>
<td>Universal Hat Bracket</td>
<td>HB-2-UNV</td>
</tr>
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</table>

### ACCESSORIES
<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chin Guard</td>
<td>SW-CN-G</td>
</tr>
<tr>
<td>Hard Cap</td>
<td>E2RW-(Color)</td>
</tr>
<tr>
<td>Hard Hat</td>
<td>E1RW-(Color)</td>
</tr>
<tr>
<td>Safety Glasses</td>
<td>SW-SG</td>
</tr>
</tbody>
</table>

### STORAGE BAG
Fleece lined storage bag with drawstring. Sized to accommodate face shield with hard cap.

**Style # SW-SB**

### CARBONX ULTIMATE HOOD
The CarbonX® Ultimate flared style hood provides maximum coverage. Our hood features flat stitching and seamless chin area for better fit and comfort. The 2-Ply version has an ATPV of 23 cal/cm² square. Our 3-ply version has an ATPV of 53 cal/cm².

- **Style # KCF-51**: 2 Ply
- **Style # KC3-51**: 3 Ply

### NOMEX BLEND
Our Nomex® blend hood offers economy and 10 cal/cm² protection. One size.

**Style # KN-51-NFPA**
Nomex® IIIA from DuPont is an inherently flame resistant fabric. This aramid and static dissipative fiber blend helps shield the wearer from flames, flash fires and electric arcs. Nomex® IIIA clothing is extremely durable, light weight and inherently flame resistant. We offer Nomex® IIIA garments in 3 weights; 4.5oz, 6oz, and 9.5oz. Nomex® IIIA is available in a variety of colors. Coats available in 30", 40", 45" and 50" lengths.

Nomex® IIIA Coveralls

Standard coverall features six pockets: 2 breast, 2 rear, 2 front; covered snap front and elasticized waistband.

605-NMX-4.5 oz.-Orange (shown)
605-NMX-6 oz.-Royal Blue (shown)

Additional colors and weights available.
## Nomex® Clothing

### Nomex® Product Numbers

<table>
<thead>
<tr>
<th>Weight</th>
<th>Navy</th>
<th>Orange</th>
<th>Royal Blue</th>
<th>Green</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5 oz</td>
<td>600-NMX-4.5-N</td>
<td>600-NMX-4.5-O</td>
<td>N/A</td>
<td>600-NMX-4.5-O</td>
</tr>
<tr>
<td>4.5 oz</td>
<td>603-NMX-4.5-N</td>
<td>603-NMX-4.5-O</td>
<td>N/A</td>
<td>603-NMX-4.5-O</td>
</tr>
<tr>
<td>6 oz</td>
<td>605-NMX-6-N</td>
<td>605-NMX-6-N</td>
<td>606-NMX-6-N</td>
<td>N/A</td>
</tr>
<tr>
<td>6 oz</td>
<td>606-NMX-6-N</td>
<td>606-NMX-6-N</td>
<td>625-NMX-6-N</td>
<td>625-NMX-6-N</td>
</tr>
<tr>
<td>6 oz ROYAL BLUE</td>
<td>606-NMX-6-RB</td>
<td>606-NMX-6-RB</td>
<td>625-NMX-6-RB</td>
<td>625-NMX-6-RB</td>
</tr>
<tr>
<td>9.5 oz</td>
<td>605-NMX-9.5</td>
<td>605-NMX-9.5</td>
<td>606-NMX-9.5</td>
<td>606-NMX-9.5</td>
</tr>
</tbody>
</table>

### Knit Nomex® Undergarments

- **KN-53**: Turtleneck long sleeve shirt
- **KN-54**: Crew neck long sleeve shirt (shown)
- **KN-55**: Ankle length bottoms (shown)
- **KN-56**: Crew socks 11" length (sizes 8-15)

### Knit Hoods

- **KN-50**: Short style, 2-ply, 6 oz.
- **KN-52**: Short style, 1-ply, 6 oz. (shown)
- **KN-51**: 2-ply knit hood. Meets 70E NFPA specs.
- **KN-54**: Crew neck long sleeve shirt (shown)

### Hot Not™

Heat resistant glove and sleeve of Nomex® III for constant handling of materials up to 500°F, intermittently up to 700°F. For hot solid surfaces, not for heavy welding or molten materials.

- **HNG**: Glove
- **HNS**: Sleeve

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CarbonX® fabrics provide superior flame resistance in an inherently flame resistant fabric.

Our line of work wear is available in an 11oz. black woven or a 10oz. deep navy abrasion resistant twill. This revolutionary new fabric has the following properties:

- Higher Limited Oxygen Index (LOI)
- UV Resistance
- Non-shrinking
- Non-melting
- Odor absorbing

Garment Styles

<table>
<thead>
<tr>
<th>Bib Overall</th>
<th>Coverall</th>
<th>30&quot; Jacket/Pant</th>
</tr>
</thead>
<tbody>
<tr>
<td>618-(Fabric)</td>
<td>605-(Fabric)</td>
<td>600-(Fabric) and 606-(Fabric)</td>
</tr>
</tbody>
</table>
Undergarments are made of a single layer of 7.7 oz interlock knit. The fabric has a TPP rating of 14.7 and an ATPV of 12.3 cal/cm². Tops and bottoms are available in sizes S-4XL. Socks are one size only.

- Long sleeve top: CX-54-(size)
- Short sleeve top: CX-64-(size)
- Long pant: CX-55-(size)
- Short Pant: CX-65-(size)
- Socks: CX-56-22
- 16" Sleeves: CX-16
- 18" Sleeves: CX-18-TH
Flame Retardant Clothing

Vinex® • FR9B
Vinex® flame and aluminum splash resistant fabrics by Westex are a blend of 85% vinyl and 15% polynosic rayon.

Vinex® fabrics are inherently flame resistant and have been used extensively and continuously since 1985 for protective clothing for workers exposed to molten aluminum in major aluminum producing facilities throughout the world. Vinex® shows a unique ability to shed molten aluminum.

Weights/Color:
6 oz., Medium blue shirt weight
8½ oz., Navy pant, jacket, and shirt weight.

Oasis™
A molten metal splash resistant fabric from Southern Mills combines comfort and protection in a fabric that is inherently flame resistant.

Oasis is made from a blend of fibers including Lenzing FR for enhanced comfort and Nylon for added durability. Oasis™ is available in three weights:
7.5 oz, 10 oz, and 12 oz.

<table>
<thead>
<tr>
<th>Vinex® Product Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>30&quot; JACKET</strong></td>
</tr>
<tr>
<td>6 oz MEDIUM BLUE</td>
</tr>
<tr>
<td>8.5 oz NAVY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oasis™ Product Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>30&quot; JACKET</strong></td>
</tr>
<tr>
<td>7.5 oz COOL BLUE</td>
</tr>
<tr>
<td>10 oz NAVY</td>
</tr>
<tr>
<td>12 oz NAVY</td>
</tr>
</tbody>
</table>
Leather Welder’s Clothing

Our leather welder’s clothing is made from garment quality side split leather. Its soft and pliable feel keeps it a favorite choice for welders to protect against heat, sparks and splatter. Jackets and cape sleeves are available in sizes S-5XL.

<table>
<thead>
<tr>
<th>30” Jacket</th>
<th>Cape Sleeve</th>
<th>19” Bib</th>
<th>Coverall</th>
<th>Pant</th>
<th>Chap</th>
<th>48” Split Leg Apron</th>
</tr>
</thead>
</table>

Garment Styles

30” Jacket | Cape Sleeve & Bib | Chaps | Split Leg Apron

600-CL | 577-CL | BIB-CL-19 | 555-CL | 550-CL-48
Safety aprons are available in all fabrics with your choice of length and closure. Standard apron closure is snap or eyelet. Please specify any other option desired. (See pages 55-56 for complete fabric list.)

**How to Order Aprons**

<table>
<thead>
<tr>
<th>Apron Lengths</th>
<th>Apron Fabric</th>
</tr>
</thead>
<tbody>
<tr>
<td>530 30&quot;</td>
<td>AKV Aluminized Kevlar® blend</td>
</tr>
<tr>
<td>536 36&quot;</td>
<td>ARH Aluminized rayon heavy</td>
</tr>
<tr>
<td>539 39&quot;</td>
<td>CL Chrome leather gray or rust</td>
</tr>
<tr>
<td>542 42&quot;</td>
<td>BD Blue denim, non-FR</td>
</tr>
<tr>
<td>548 48&quot;</td>
<td>FRD Fire resistant duck, non-durable</td>
</tr>
<tr>
<td>W24 18” waist</td>
<td>GR Green FR-7A cotton</td>
</tr>
<tr>
<td></td>
<td>GW Green FR-7A twill</td>
</tr>
<tr>
<td></td>
<td>HY Hycar</td>
</tr>
<tr>
<td></td>
<td>KTW Kevlar® twill</td>
</tr>
<tr>
<td></td>
<td>KV 22 oz. aramid-glass blend</td>
</tr>
<tr>
<td></td>
<td>NMX-9.5 9.5 oz. Nomex® III A</td>
</tr>
<tr>
<td></td>
<td>NS FR-7A navy cotton</td>
</tr>
</tbody>
</table>

(Additional fabrics available.)
Aprons

Closures

1. Snap Buckle and Webbing
2. Eyelets and Leather Ties
3. Eyelets and Cotton Ties
4. Eyelets and Nylon Ties
5. Snap Hook and D-Ring
6. Velcro® Tabs and Velcro® Straps
7. Nexus Clip

Waist Aprons

W24 Standard size 24" x 18"
560 30" x 18" with 20" x 14" steel-stapled patch
561 Machinist apron—24" x 18". Has quick-release fasteners for safety when working near rotating parts.
563 24" x 24" waist apron
830 24" x 18" with 10" x 14" plain patch
832 24" x 18" with 10" x 14" steel-stapled patch
835 24" x 18" entirely steel-stapled—no patch

Chrome Leather Reinforced Aprons

42" Apron

Chrome leather bib apron with belly patch reinforced with steel staples, or plain as shown.

Steel-Stapled (10" x 14")
Belly Patch
825 24" x 30"
826 24" x 36"
827 24" x 42"
828 24" x 48"

Plain Leather (10" x 14")
Belly Patch
820 24" x 30"
821 24" x 36"
822 24" x 42"
823 24" x 48"

Split Leg Apron (waist type)

P-829 Plain (as shown) 24" x 24". Two straps at leg. Adjustable web belt at waist.

S-829 Steel-Stapled 24" x 24". Same as above with full steel stapled reinforcement throughout for further abrasion resistance.
**Kick-Back Apron**

Protects lower abdomen, stomach, groin and chest from kick-back and similar hazards.

*(See photographs for individual apron coverage.)* Constructed of heavy wool and Kevlar® sewn between 2 layers of chrome leather. Fastens with an adjustable web belt. Aprons are not puncture proof, and should not be tested on wearer.

- **KBA-bib type**: 16” x 28”
- **KBA-standard**: 24” x 18”
- **KBA-tapered**: 16” x 13”
- **KBA-tapered**: 21” x 17”

---

**Garment Styles**

<table>
<thead>
<tr>
<th>KBA-bib type</th>
<th>KBA-standard</th>
<th>KBA-tapered 16” x 13”</th>
<th>KBA-tapered 21” x 17”</th>
</tr>
</thead>
<tbody>
<tr>
<td>KBA-bib type</td>
<td>KBA-standard</td>
<td>KBA-tapered 16” x 13”</td>
<td>KBA-tapered 21” x 17”</td>
</tr>
</tbody>
</table>

---

**KBA-High Waist**

19” long x 28” wide duck. 8” x 14” fiber “arch” withstands heavy blows. Heavy felt quilted between two layers of duck, above and below fiber. Adjustable web fasteners at bib and waist. Excellent protection against lumber kick-back from rip saws.

---

**Carpenter’s Apron**

Bib type 19” x 26” or waist type 18” x 9” standard with 2 pockets. 10 oz. fire resistant duck (FRD) or non-fire resistant denim (BD). Custom pocket design available.
Denim Shop Apron
532-2P (Most popular)
General purpose blue denim apron. Not flame retardant. 28” x 36” two-pocket style, one bib and one waist. Hemmed on all sides and has sewn on ties.

No Pocket
#532-NP 28” W x 36” H
Old #NP-532-BD No pockets. Sewn denim neck tie & sewn nylon waist ties.

ONE Pocket
#532-1P 28” W x 36” H
1 waist pocket. Sewn denim neck tie & sewn nylon waist ties.

TWO Pocket
#532-2P 28” W x 36” H
Old #532-BD 1 bib & 1 waist pocket. Sewn denim neck tie & sewn nylon waist ties.

THREE Pocket
#532-3P 28” W x 36” H
3 pockets. Sewn denim neck & waist ties.
Split Leg Aprons and Hip Leggings

Our split leg aprons, chaps and hip leggings are available in a variety of styles, lengths and fabrics. See page 27 for many of our most popular styles. Please specify or call us if you require unique closures or features.

No need to go to Holland for wood shoes.

“Hot Foot” Wood Sole That Bends!

- Made of 1\(\frac{1}{4}\) inch thick seasoned wood
- Two strong sole leather hinges
- Straps on quickly over any shoe
- Heat-resistant and puncture-resistant

Attached Hip Leggings

**HL-777-(Fabric)**
Attached hip legging with adjustable belt top. 36” outseam. Please specify if snap or Velcro® closure is needed at back of leg.

**470-(Fabric)**
Slip-on hip leggings are interchangeable for either leg. 36” outseam. Standard with flare. Adjustable snap strap loops at top accommodates your belt. Specify for eyelet option (shown).

Hip Leggings

#CPA-351-(size)
Men’s sizes:
- S (7-8)
- M (9-10)
- L (11-12)
- XL (13-14)
- XXL (15-16)

Made in USA

- Made of 1\(\frac{1}{4}\) inch thick seasoned wood
- Two strong sole leather hinges
- Straps on quickly over any shoe
- Heat-resistant and puncture-resistant

Our split leg aprons, chaps and hip leggings are available in a variety of styles, lengths and fabrics. See page 27 for many of our most popular styles. Please specify or call us if you require unique closures or features.

No need to go to Holland for wood shoes.

“Hot Foot” Wood Sole That Bends!

#CPA-351-(size)
Men’s sizes:
- S (7-8)
- M (9-10)
- L (11-12)
- XL (13-14)
- XXL (15-16)

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### Chaps

<table>
<thead>
<tr>
<th>Garment Styles</th>
<th>Cowboy Style Chap</th>
<th>Chap Pants</th>
<th>“Step-In” Chap</th>
</tr>
</thead>
<tbody>
<tr>
<td>778-(Fabric)</td>
<td>Step-in cuffs, adjustable rear leg straps, adjustable belt top, 39” outseam.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Garment Styles

<table>
<thead>
<tr>
<th>19 oz ALUMINIZED KEVLAR®</th>
<th>SPLIT LEG APRON 48”</th>
<th>ATTACHED HIP LEGGINGS</th>
<th>HIP LEGGINGS</th>
<th>COWBOY STYLE CHAP</th>
<th>CHAP PANTS</th>
<th>“STEP-IN” CHAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 oz ALUMINIZED RAYON</td>
<td>550-AKV-48-SW</td>
<td>HL777-AKV</td>
<td>470-AKV</td>
<td>555-AKV</td>
<td>CP777-AKV</td>
<td>778-AKV</td>
</tr>
<tr>
<td>9 oz GREEN FR COTTON</td>
<td>550-GR-48-SW</td>
<td>HL777-GR</td>
<td>470-GR</td>
<td>555-GR</td>
<td>CP777-GR</td>
<td>778-GR</td>
</tr>
<tr>
<td>8 oz KEVLAR® TWILL</td>
<td>550-KTW-48-SW</td>
<td>HL777-KTW</td>
<td>470-KTW</td>
<td>555-KTW</td>
<td>CP777-KTW</td>
<td>778-KTW</td>
</tr>
<tr>
<td>9 oz NAVY FR COTTON</td>
<td>550-NS-48-SW</td>
<td>HL777-NS</td>
<td>470-NS</td>
<td>555-NS</td>
<td>CP777-NS</td>
<td>778-NS</td>
</tr>
</tbody>
</table>

**Chicago Protective Apparel | 847-674-7900 | www.chicagoprotectiveapparel.com | 31**
Leggings and Overshoes

**Standard Spring Leggings**

300
Spring frame permits instant adjustment and removal. Wide rear flap provides full protection to the back of the leg. **14” height, 6” flare**

![300-CL](image1) ![300-KV](image2)

**Side Bar Leggings**

1310
Unique combination of adjustable snap top and vertical metal side bar allows quick release at bottom of legging. Two fiber shin shields inside front of legging protect against minor blows. **14” height, 5½” flare**

![1310-CL](image3) ![1310-FRD](image4)

**Replaceable Cover Leggings**

333-CL
Deluxe style with removable cover for economical replacement cost. Snap out steel spring frame assures full time comfortable fit. Metal instep bar forms and holds flare to shoe. (Thick rubber flare standard with leather legging, as shown.)

**14” height, 7” flare**

![333-CL](image5)

**Full Vertical Velcro™ Closure Leggings**

401
Full Velcro® closure. Fast removal, lightweight protection. Metal instep bar standard. **14” height, 8½” flare**

![401-AKV](image6) ![401-CL](image7)

**Overshoe**

671-AKV
Overshoes are designed to be worn over workshoes. Sole is ¼” thick, skid resistant, treated neoprene belting. Two adjustable leather straps close front of overshoe.

**Standard height: 12”**
**Also available in 8” and 16” heights**

One size fits most.

All leggings and spats available in your choice of fabric.
## Spats/Knee pads/Pants Guards

### Elastic Top Spat
- **E485**
  - Elastic top spat. Rear snap closure. Adjustable instep strap. 7" height, 6" flare

### Safety Spat
- **485**
  - Standard safety spat. Rear Velcro® closure. Easily adjusted or removed. 7" height, 6" flare

### Closed Toe Style Spat
- **E485-CL-8**
  - Closed toe style spat. Elastic top. Rear snap closure. Flare cups toe of shoe. 7" height, closed toe flare

### Legging-Spat
- **400**
  - Legging-spat. Two-position side snap closures. Snap-on elastic instep strap. 9" height, 8½" flare

### Short Side Bar Leggings
- **375**
  - Short side bar leggings. Snap top and vertical metal side bar. Two fiber shin shields inside front of legging. Adjustable instep strap. 9" height, 5½" flare

### Pant Leg Cuff Guards
- **PLCG-1-S**
  - Elastic construction with your choice of Velcro® or snap button fasteners. Available in widths of 1" or 2".

### Knee Pads
- **390-CL**
  - Heavyweight leather knee pad. Wool felt lined. Adjustable leather strap. 10" length

- **395-CL**
  - Wool felt lined leather knee pad with three adjustable straps. 17" length

- **EC-390-CL**
  - Economy style foam lined leather knee pad. Elastic snap strap. Approx. 5" x 5"  

- **394**
  - Contoured rubber knee pad. Two adjustable straps.

Cushioned knee pads (not shown) can be sewn into knee areas on pants.
Sleeves

Safety sleeves are available in all fabrics with your choice of length and closure. Standard sleeve closure is snap at wrist and open top. Please specify any other option desired. (See pages 2 and 3 for complete fabric list.)

How to Order Sleeves

<table>
<thead>
<tr>
<th>Sleeve Lengths</th>
<th>Fabric</th>
<th>Wrist Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>589 7”</td>
<td>GR</td>
<td>A</td>
</tr>
<tr>
<td>590 9”</td>
<td>GR</td>
<td>B</td>
</tr>
<tr>
<td>591 12”</td>
<td>GR</td>
<td>C</td>
</tr>
<tr>
<td>592 14”</td>
<td>GR</td>
<td>D</td>
</tr>
<tr>
<td>593 18”</td>
<td>GR</td>
<td>E</td>
</tr>
<tr>
<td>595 23”</td>
<td>GR</td>
<td>F</td>
</tr>
<tr>
<td>1529 (cap sleeve) 29”</td>
<td>GR</td>
<td>G</td>
</tr>
<tr>
<td>18” Long</td>
<td>GR</td>
<td>H</td>
</tr>
<tr>
<td>23” Long</td>
<td>GR</td>
<td>I</td>
</tr>
<tr>
<td>18” Long</td>
<td>GR</td>
<td>J</td>
</tr>
<tr>
<td>23” Long</td>
<td>GR</td>
<td>K</td>
</tr>
<tr>
<td>18” Long</td>
<td>GR</td>
<td>L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length</th>
<th>Fabric</th>
<th>Wrist Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>18”</td>
<td>GR</td>
<td>21/4” blue-gold elastic, one end</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>1/2” white serged elastic, one end</td>
</tr>
<tr>
<td>18”</td>
<td>GR</td>
<td>Hidden elastic, one end</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>Adjustable snap</td>
</tr>
<tr>
<td>18”</td>
<td>GR</td>
<td>21/2” x 1” Velcro® tab closure, one end</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>Adjustable Velcro® strap, one end</td>
</tr>
<tr>
<td>18”</td>
<td>GR</td>
<td>Full Velcro® closure running length of sleeve</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>Adjustable arm strap</td>
</tr>
<tr>
<td>18”</td>
<td>GR</td>
<td>Two-ply black wool knit cuff</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>Two-ply cotton knit cuff</td>
</tr>
<tr>
<td>18”</td>
<td>GR</td>
<td>Two-ply Kevlar® knit cuff</td>
</tr>
<tr>
<td>23”</td>
<td>GR</td>
<td>Split snap wrist</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length</th>
<th>Fabric</th>
</tr>
</thead>
<tbody>
<tr>
<td>18”</td>
<td>GREEN FR Cotton w/ 21/4” Elastic</td>
</tr>
<tr>
<td>23”</td>
<td>GREEN FR Cotton w/ 21/4” Elastic</td>
</tr>
<tr>
<td>18”</td>
<td>GREEN FR Cotton w/ 1/2” Elastic</td>
</tr>
<tr>
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<td>GREEN FR Cotton w/ 1/2” Elastic</td>
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<th>23” Long</th>
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<tbody>
<tr>
<td>3/8” White elastic at each end</td>
<td>21/4” Blue/gold elastic at each end</td>
</tr>
<tr>
<td>Kevlar® knit wrist with thumb hole and 21/4” elastic top</td>
<td>3/8” White elastic at each end</td>
</tr>
<tr>
<td>21/4” Blue/gold elastic at each end</td>
<td>Kevlar® knit wrist with thumb hole and 21/4” elastic top</td>
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</tbody>
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<td>GREEN FR Cotton w/ 1/2” Elastic</td>
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<tr>
<td>23”</td>
<td>GREEN FR Cotton w/ 1/2” Elastic</td>
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</tr>
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<td>21/4” Blue/gold elastic at each end</td>
<td>Kevlar® knit wrist with thumb hole and 21/4” elastic top</td>
</tr>
</tbody>
</table>

18” Green FR Cotton w/ 21/4” Elastic

18” Green FR Cotton w/ 1/2” Elastic

23” Green FR Cotton w/ 21/4” Elastic

23” Green FR Cotton w/ 1/2” Elastic

34 | Chicago Protective Apparel | 847-674-7900 | www.chicagoprotectiveapparel.com
Nylon Cane Mesh Sleeves

Cut resistant. Two-ply nylon mesh sleeve. Quick-release Velcro® fasteners provide adjustability.

When ordering, specify 692-length-color-size.

Lengths available: 6", 7", 8", 9", 10", 12", 18"

Colors available: Black or white

Sizes available: S, M, L, XL, XXL

Steel Reinforced Arm Protectors

Wool-Lined Leather Sleeve.

785 With steel-stapled patch (shown)

786 With plain leather patch

Steel-stapled leather sleeve (unlined).

586 7"

587 9"

588 11"

Specify Velcro® or buckle fasteners.

Tubular Knit Kevlar® Sleeve

Two-ply knit Kevlar® sleeve provides superficial cut and burn protection for the forearms. Washable with minimal shrinkage and virtually no loss of their protective properties.

When ordering, specify TKK-length-thumb option.

Lengths available: 10", 14", 18"

Specify option: TKK=plain, TKK-T=thumb slot,

TKK-A=thumb hole

Also available in two-ply NON-FR cotton.

Plastic Arm Guards

High impact, transparent plastic arm guards. No straps, buckles or snaps to get in the way. Sizes small, medium, large and extra large.

Style A Regular 7½" Turned at wrist only

Style B Regular 7½" Turned at both ends

Style C Boner 10" Full forearm, turned at both ends.
Knitted Hoods

**Nomex® Blend**
NFPA 70E current edition approved hood. 2-ply Nomex®/Lenzing FR® blend. Standard long cut style to meet NFPA, or Flared style for greater coverage.
*Style KN-51-NFPA (pictured)*
*Style FL-KN-51*

**Nomex® Blend**
Short style hood in 1-ply or 2-ply Nomex®/Lenzing FR® blend.
*Style KN-52 (pictured, 1-ply)*
*Style KN-50 (2-ply)*

**CarbonX® Classic**
Classic cut meets NFPA 70E requirements. Superior protection. Non-flammable, non-melting. ATPV of 23 cal/cm².
*Style KC-51*

**PBI® Blend**
NFPA 70E current edition approved hood. 2-ply PBI®/Lenzing FR® blend. Standard long cut style to meet NFPA (pictured), or Flared style for greater coverage.
*Style PBI-51 (pictured)*
*Style FL-PBI-51 (flared)*

**Cold Weather**
PBI® blend external and Lenzing FR® blend internal. Provides both flame resistance and protection from cold weather.
*Style 2001*

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**CarbonX® Ultimate**
Ultimate cut meets NFPA 70E requirements. Superior protection. Non-flammable, non-melting. ATPV of 23 cal/cm². Additional chest and shoulder coverage.
*Style KCF-51*

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Hats, Hoods and Spark Deflectors

All spark deflectors are available in any of our fabrics. Most popular are FR cottons (which are pictured), Nomex® and aluminized fabrics.

<table>
<thead>
<tr>
<th>ESD-690</th>
<th>690</th>
<th>688</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ESD-690</strong>&lt;br&gt;Economy strap design spark deflector. Four webbing straps loop over hard cap suspension and snap in place.</td>
<td><strong>690</strong>&lt;br&gt;Deluxe Velcro™ design spark deflector. Four Velcro™ straps attach FR green band to inside of hard cap suspension. The removable deflector attaches to the green band with Velcro™.</td>
<td><strong>688</strong>&lt;br&gt;Spark deflector fits over hard cap and is held in place with an elastic band.</td>
</tr>
</tbody>
</table>

**Spray Sock**

- **SS-PH**<br>Painters’ Hoods, Spray Socks. 100% cotton, not fire resistant. 16” length. Packed 72 ea. per box.

**Caps**

- **646**<br>Baseball style caps. Available in assorted cut and flame resistant fabrics. Also available with Legionnaire-style back flap.

**Tally Hoods**

- **648-GW-SP**<br>Open face hood, Velcro® front. Available in a variety of fabrics. Standard design is 1-ply. Pictured (left) is our special 2-ply with button holes. (Style 648-GW-SP)

- **648**<br>Velcro® front
Hoods

Aluminized Hoods

0647-(Fabric)
Complete head and shoulder coverage. Large 7” x 11” window opening with replaceable gold film and Lexan® window.

220-(Fabric)
7” x 11” lift front window and shoulder slits.

647-(Fabric)
4½” x 5¼” window. Comes standard with Pyrex® glass and a polycarbonate inner plate.

Hood Information

Hoods on this page are constructed around a hard shell which provides both structure and a head ratchet. Windows are replaceable and positioned far enough away from the face to allow room to wear safety glasses or a face mask underneath. Air fed supplies can be fitted into the hoods. Hard hat or cap clips can be installed, please specify.

Wide View Aluminized Hood | Welding Helmet

WV-647
Provides maximum peripheral vision. Hood is designed to be worn over a hard cap. Excellent for radiant heat. Not recommended for areas exposed to heavy molten splash. 40% greater peripheral view than standard 7” x 11” hoods.

647-A
Thermal welding helmet with 4½” x 5¼” window.

Sandblast Hood | Short Cape Leather Welding Helmet

647-GFRD
Canvas duck material fabricated over a welding helmet with ratchet headgear. Lexan® window with 50 mesh screen front. Protects head and shoulders from rebounding particles and abrasives. Approved respirator must be used in conjunction with the Sandblast Hood.

222-CL
2” x 4¼” nylon lift front. Retainer and drop down ratchet headgear. Complete with shade #10 green glass window and protector plates.
Liberty Heat Resistant Gloves

Unique heat resistant gloves for use in Foundries, Heat Treating Departments, Molding, Casting, Steel Mills, Welding and Assembly lines etc. Durable, Pliable, Comfortable and Economical protection up to 500°F.

All gloves are full fourchette construction. The excess fourchette leather stretches out like an accordion as heat exposed finger and palm leather shrinks. This design maintains pliability and comfort.

Style 111-GL & 113-GL
2-Ply construction combines special tan leather and a full wool liner to provide momentary 500°F protection. These lightest weight designs offer the most dexterity in the Liberty series of gloves.

11 Inch 2 ply glove Style # 111-GL
13 Inch 2 ply glove Style # 113-GL

Style 211-GL & 213-GL
3-Ply construction provides 500°F protection for extended periods. Our 3-ply gloves are made with a layer of self extinguishing heat resistant fabric between the leather shell and the wool lining.

11 Inch 3 ply glove Style # 211-GL
13 Inch 3 ply glove Style # 213-GL

Style 213-DW
4-Ply construction provides similar heat protection for extended time. This is one of our most popular gloves to protect against heat associated with casting operations. The unique design of our pattern allows good dexterity even in a 4 layer system.

13 inch 4 ply glove Style # 213-DW
High Heat Gloves

**GLOVE OPTIONS**

<table>
<thead>
<tr>
<th>SINGLE LAYER</th>
<th>LEATHER REINFORCED PALM</th>
<th>KEVLAR® REINFORCED PALM</th>
</tr>
</thead>
<tbody>
<tr>
<td>11&quot; GLOVE</td>
<td>231-(fabric choice)</td>
<td>FA-231-(fabric choice)</td>
</tr>
<tr>
<td>14&quot; GLOVE</td>
<td>234-(fabric choice)</td>
<td>FA-234-(fabric choice)</td>
</tr>
<tr>
<td>18&quot; GLOVE</td>
<td>238-(fabric choice)</td>
<td>FA-238-(fabric choice)</td>
</tr>
<tr>
<td>23&quot; GLOVE</td>
<td>243-(fabric choice)</td>
<td>FA-243-(fabric choice)</td>
</tr>
</tbody>
</table>

**MITTEN OPTIONS**

<table>
<thead>
<tr>
<th>SINGLE LAYER</th>
<th>QUILTED PALMS</th>
<th>DOUBLE LAYER PALMS</th>
</tr>
</thead>
</table>

All gloves and mittens are available in 11", 14", 18", and 23".

**22 oz. PBI® Blend**

22 oz. Polybenzimidazole blend offers higher working temperatures, near fiberglass levels, with superior abrasion resistance. Fully wool lined.

Part #
- 234-PBI22 14" Glove
- FA-234-PBI22 14" Glove with Leather Reinforcement
- 174-PBI22 14" Mitten
- 184-PBI22 14" Mitten with Double Palm

Also available in 45 oz. Please call for pricing.

**234-AKV-ZP** Combo glove. 19 oz. aluminized Kevlar®-aramid fiber blend on back for up to 2000°F radiant protection. 35 oz. Zetex® Plus® palm for short duration up to 1800°F. Moderate to poor abrasion resistance.

**234-AZ-Z** Combo glove. 35 oz. Zetex® glass on palm for short durations up to 1000°F. 25 oz. aluminized Zetex® for up to 2000°F radiant protection on back side. Moderate to poor abrasion resistance.


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**Gloves and Mittens**

**234-Z** 35 oz. Zetex® fiberglass. Short durations up to 1000°F. Moderate to poor abrasion resistance.

**234-ZP** 35 oz. Zetex Plus® treated fiberglass. Short duration up to 1800°F. Moderate abrasion resistance. FD-234-ZP Double layered palm gloves are recommended when working with higher heats.

**234-V** 36 oz. Vertix™ vermiculite coated fiberglass. Short durations up to 1000°F. Poor abrasion resistance. (Shown with steel mesh reinforcement for better abrasion resistance. 234-VSSM.)

**234-GL** 26 oz. white generic glass fabric. Short durations up to 1000°F. Poor abrasion resistance.


**234-PBI™** Polybenzimidazole blend available in 22 oz. or 45 oz. Higher working temperatures near fiberglass levels with superior abrasion resistance. 45 oz. PBI offers a thick barrier for longer heat duration but less dexterity.

**234-THL** Brown thermal leather withstands premature hardening up to 500°F. Good abrasion resistance. Wool lined.


**234-ZP** 35 oz. Zetex Plus® treated fiberglass. Short duration up to 1800°F. Moderate abrasion resistance. FD-234-ZP Double layered palm gloves are recommended when working with higher heats.

**234-V** 36 oz. Vertix™ vermiculite coated fiberglass. Short durations up to 1000°F. Poor abrasion resistance. (Shown with steel mesh reinforcement for better abrasion resistance. 234-VSSM.)

**234-GL** 26 oz. white generic glass fabric. Short durations up to 1000°F. Poor abrasion resistance.


**234-PBI™** Polybenzimidazole blend available in 22 oz. or 45 oz. Higher working temperatures near fiberglass levels with superior abrasion resistance. 45 oz. PBI offers a thick barrier for longer heat duration but less dexterity.

**234-THL** Brown thermal leather withstands premature hardening up to 500°F. Good abrasion resistance. Wool lined.


**Cover Mitts**

Economical slip-on glove and mitten savers. Reversible unlined cover mitts.

**105-CTJ** 9” closed top jumbo cover mitt. For over mittens.

**105-OTJ** 8” open top jumbo cover mitt. For over gloves.

**WM-105-CTJ-10-V** Wire mesh covered closed top Vertix™ cover mitt for over mittens. For high heat and abrasion resistance.
Domestic Welding Gloves

901-Alum  Gunn cut, aluminized leather back. Wing thumb with welting. Aluminized back radiates away a percentage of heat to keep hand cooler. 14” length.


SN-901-ALUM & SN-88 PAD  Designed for hand protection under severe heat of heavy MIG welding arc gouging, multiple passes or preheated weldments. Replaceable snap-off back pad for extended wear. SN-88 Kevlar® blend pad radiates up to 2000°F radiant heat.

WSOF-Alum  One finger mitt version of our 901-ALUM. Mitten style with freed trigger finger. 14” length.

Glove Protector

88-Alum  Two-ply glove protector economizes by extending the wear of your gloves, while adding protection from radiant heat and splatter.

Wool Lined Welder’s Glove  Welted, wool lined, Kevlar® sewn. Part 901-CL

84060_CP_Body_Layout 1  8/1/12  11:45 AM  Page 42
Imported Welding Gloves

Gray Deer Skin
Part # SA3-D

Side Split Cowhide
Heat-resistant cow split leather. Gunn pattern, wing thumb, one-piece back. Welting in vulnerable seams. Kevlar® stitched. **Most Popular**
Part # SA3-1000

Side Split Cowhide
Part # SA3-B

Side Split Cowhide
Part # SA2-R

Shoulder Split Cowhide
Fully sock lined. Fully welted seams.
Part # SA1-GY

Aluminized Back & Thumb
Part # SA2-ALUM

18" Long
Part # SA2-18

Jumbo Welder’s
Part # SA2-JMB

Kid Grain

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short 2&quot; cuff</td>
<td>S-XL</td>
<td>TIG-KG-2</td>
</tr>
<tr>
<td>Long 4&quot; cuff</td>
<td>S-XL</td>
<td>TIG-KG-4</td>
</tr>
</tbody>
</table>
Glass Handler’s Kevlar® Clothing

**Wrist Guard**

36-KTW-9
Double layer of 8 oz. Kevlar® twill protects wrist from cuts and lacerations. Thumb hole keeps wrist protector in place. Velcro® closure.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>36-KTW-9</td>
<td>9” sleeve</td>
</tr>
<tr>
<td>36-KTW-11</td>
<td>11” sleeve</td>
</tr>
<tr>
<td>36-KTW-18</td>
<td>18” sleeve</td>
</tr>
</tbody>
</table>

**646-KTW**

**Glacier Wear™**

Glacier Wear™ safety clothing provides a unique combination of cut resistance and comfort. So unique, it’s patented. Strategically positioned Kevlar® mesh fabric provides a cool venting effect and cut resistance. No metal on the product eliminates scratching. Custom designed to your specification or use our popular standard designs. Glacier Wear™ is available as a jacket, cape sleeve, surgical style coat, bib apron, or sleeve. Glacier Wear™ is an economical alternative to eyelet-studded products.

**Split Leg Apron and Ball Cap**

550-KTW-40-SP
100% Kevlar® twill split leg apron with replaceable belly patch. Adjustable Velcro® leg and webbing neck and waist straps provides a “one size fits most” apron. Available in 40”, 48”, 52” and 56” lengths.

646-KTW
100% Kevlar® twill baseball cap available with or without back “legionnaire style” flap.

**Cape Sleeve**

577-KM-KTW
Glacier Wear™ cape sleeve helps keep you cool while providing the cut resistance of 100% Kevlar®.

**Eyelet Ventilated Cap Sleeve**

EV-1529-KTW 1-ply Kevlar® twill
EV-1529-WJC 2-ply white jean cloth NOT-FR
EV-1529-GR 2-ply green sateen cotton

Lengths available: 21”, 23”, 25”, 27”, 29”, 31”, 33” and 35”.

<table>
<thead>
<tr>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21”</td>
<td>1-ply Kevlar® twill</td>
</tr>
<tr>
<td>23”</td>
<td>2-ply white jean cloth</td>
</tr>
<tr>
<td>25”</td>
<td>2-ply green sateen cotton</td>
</tr>
</tbody>
</table>

Chicago Protective Apparel  | 847-674-7900  | www.chicagoprotectiveapparel.com
Steel Reinforced Gloves/Mitts

**Style 4” Gauntlet**
Part # 1644 (shown)
Style 2” Band
Part # 1604

**Style 4” Gauntlet**
Part # 1644-NY

**Anti-vibration pad**
Anti-vibration – reversible – curved palm and heel pad with elastic back straps. Available in grain, pig, or split leather.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX-02</td>
<td>Split Leather</td>
</tr>
<tr>
<td>GX-02</td>
<td>Grain Leather (shown)</td>
</tr>
<tr>
<td>PX-02</td>
<td>Pig Leather</td>
</tr>
</tbody>
</table>

**Fingerless Anti-vibration**
Durable pig leather shell with anti-vibration palm. Tailored patterns provide unique comfort.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-XL</td>
<td>24SPA</td>
</tr>
</tbody>
</table>

**Hand Pads**
Cool protection with the fit of a mitten, split leather construction. For bare hand or over thin gloves.

<table>
<thead>
<tr>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>715</td>
</tr>
<tr>
<td>717</td>
</tr>
<tr>
<td>716</td>
</tr>
</tbody>
</table>

**Cable Former’s**
Grain leather half gloves with adjustable wrist strap. Thumb free style. Available with or without split leather palm reinforcement.

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-XL</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Plain Palm</td>
</tr>
<tr>
<td>23</td>
<td>Reinforced Palm</td>
</tr>
</tbody>
</table>
Hand Protection

**Fingerless Gloves & Cable Former’s Gloves**
Grain leather half-gloves with adjustable wrist strap.

- 21 No thumb
- 22 With thumb
- 23 Split leather patch on palm, no thumb
- 24 Split leather patch on palm and thumb with thumb

**Open-Back Hand Pads, Thumb Type**
Cool protection with the fit of a mitten, split leather construction. For bare hand or over thin gloves.

- 715 Plain
- 716 Steel stapled patch
- 717 Plain patch
- 27 Double leather, steel reinforcement on palm and thumb. Wool lined. Adjustable strap.

**Oval Hand Pads with Slit**
For handling hot, rough and abrasive materials. Available in 3 sizes, with or without steel staple reinforcement, and single-layer or multi-layered.

**Square Hand Pads**
One layer of wool quilted between two layers of fabric, i.e. Fabric-Wool-Fabric.
Available in 4 sizes.

- 709-6 6” x 6”
- 709-8 8” x 8”
- 709-10 10” x 10”
- 709-12 12” x 12”

**Reversible Hand Pad**
Split leather hand pad 6” long. Reversible style gives double life.

- 44 Plain (shown)
- SR44 Steel staple reinforced
- P44 Plain patch reinforced

**Baker’s Pad—Terry**
8” x 12”, two-ply 24 oz. terry serged (loop out) sewn around outer edges.

- BP-1 With slit
- BP-2 With 2 elastic straps (shown)
Hand Protection

**Thumb Type Hand Pad**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>097</td>
<td>Grain leather pad with split leather palm and thumb patch. Elastic back strap. Steel sewn.</td>
</tr>
</tbody>
</table>

**Reinforced Hand Pad**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>Split leather hand pad with palm patch. Steel sewn thumb type. Elastic back strap. (shown)</td>
</tr>
<tr>
<td>J-83</td>
<td>Jumbo, fits over gloves</td>
</tr>
</tbody>
</table>

**Palm Guard**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>Split leather palm guard. No thumb or fingers. Steel sewn. Elastic back strap. (shown)</td>
</tr>
<tr>
<td>J-82</td>
<td>Jumbo, fits over gloves</td>
</tr>
<tr>
<td>JS-82</td>
<td>Jumbo, steel reinforced</td>
</tr>
</tbody>
</table>

**Anti-Vibration**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX-01</td>
<td>Reversible oval shock pad with elastic; for palm area</td>
</tr>
<tr>
<td>25</td>
<td>Bundler’s style anti-vib guard</td>
</tr>
<tr>
<td>GX-04</td>
<td>Grain leather fingerless glove style anti-vib</td>
</tr>
</tbody>
</table>

**Anti-Vib-Viscolas® or Sorbothane® hand and wrist protection. See price list for complete list of products.**

*Sorbothane® is a plastic polymer based on propylene oxide and possesses some unique properties: It distorts readily and has retarded recovery, absorbs up to 95% of impact energy with virtually no recoil and behaves like a fluid, being capable of accepting and absorbing multi-axial and torsional stress.

**Bundler’s Hand Guards**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHG</td>
<td>Split leather hand pad with palm patch. Steel sewn thumb type. Elastic back strap.</td>
</tr>
<tr>
<td>SR-BHG</td>
<td>Steel staple reinforced</td>
</tr>
<tr>
<td>NP-BHG</td>
<td>No patch</td>
</tr>
</tbody>
</table>

**Machine-Knitted Gloves**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-100</td>
<td>Wool glove liner</td>
</tr>
<tr>
<td>K-100</td>
<td>Kevlar® for added abrasion resistance</td>
</tr>
<tr>
<td>C-100</td>
<td>Cotton, general purpose</td>
</tr>
<tr>
<td>K-100-PD</td>
<td>Kevlar® with plastic dots for added grip</td>
</tr>
</tbody>
</table>

Quilted leather patch over palm. Ideal protection where the free use of fingers is required. Protects against cuts and burns from handling bundles, crates, paper, and twine. Adjustable Velcro® closure standard; snap buttons available.

**Glove Protector**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>84-1</td>
<td>Split leather glove saver. Use over cotton, hot mill, or leather work gloves. Extra protection for index finger, palm, and thumb. Elastic back. (shown)</td>
</tr>
<tr>
<td>84-2</td>
<td>One finger</td>
</tr>
<tr>
<td>84-1</td>
<td>Two finger—index and second</td>
</tr>
</tbody>
</table>

Chicago Protective Apparel | 847-674-7900 | www.chicagoprotectiveapparel.com | 47
Mechflex™ Mechanic’s Gloves

**IMPACT-X**
- Durable synthetic leather palm & fingers
- Shock-absorbing gel padded palm
- Neoprene knuckle protector
- Anti-slip palm and fingertip patches
- Style # MX-52-(size), available S-2XL

**SYNTHETIC**
- Durable synthetic leather palm & fingers
- Anti-slip palm patches
- Reinforced thumb area
- Ventilated finger walls
- Style # MX-50-(size), available S-2XL

**GOATSKIN**
- Durable goat grain leather palm and fingers
- Anti-slip palm and fingertip patches
- Leather reinforcement on thumb crotch
- Style # MX-56-(size), available S-2XL

**GOATSKIN**
- Supple goat leather palm and fingers
- Anti-slip palm patch
- Leather reinforcement on thumb crotch
- Style # MX-55-(size), available S-2XL

**SLIP-ON**
- Supple goat grain leather palm
- Easy slip-on style
- Leather reinforcement on thumb crotch
- Style # MX-57-(size), available S-2XL

**HI-VIS**
- Hi-Vis back
- Goat skin palm and fingers
- Style # MX-80-(size), available S-2XL

**HI-VIS**
- Hi-Vis back
- Goat skin palm and fingers
- Style # MX-80G-(size), available S-2XL

**WINTER**
- Pig skin palm and fingers
- Water and wind resistant
- Reinforcement on thumb crotch
- Style # MX-90-(size), available S-2XL

**WINTER**
- Pig skin palm and fingers
- Ventilated finger walls
- Style # MX-90G-(size), available S-2XL
Cold Climate/Freezer Work Driver’s Gloves

DEER PALM, FLEECE BACK
Full sock insulated. Elasticized wrist. Style: Deer Split Palm Fleece Back
Part # CC4-DS-FB

SUPPLE PIG GRAIN
Full sock insulated. Elasticized wrist. Style: Pig Grain Drivers
Part # CC4-PGD

PIG GRAIN PALM
Full sock insulated. Knit wrist. Style: Pig Leather Palm
Part # CC4-PLP

HIGH VISIBILITY
Brushed pig skin palm, reflective knuckle strap, full sock insulated, high-vis safety cuff and knit wrist. Style: High Visibility Brushed Pig Skin
Part # CC4-HV-BP

DEER SPLIT LEATHER
Full sock insulated. Heavy foam lined. Knit wrist. Style: Deer Split Freezer Glove
Part # FG4-DS
Available with Latex Palm
Part # FG4-DLTX

REVERSE GOAT GRAIN
Part # FG5-RG

DOUBLE PALM
Style: Double Palm
Part # WK-DP

BUCK SKIN DRIVER’S
Keystone thumb, unlined, elastic back. Style: Buck Skin S-XL
Part # DG-BS

COW GRAIN DRIVER’S
Durable soft-top grain. Keystone thumb, unlined, shirred elastic back. Style: Cow Grain S-XL
Part # DG-CG
Snakebite Protection/Finger Guards

Heavy shoes are recommended for foot and ankle protection.

Snakeproof Chaps

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>

Plastic Snake Leggings

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>130460</td>
<td>17” front, 12” back. With webbing and buckles.</td>
</tr>
</tbody>
</table>

Canvas Snake Leggings

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13045</td>
<td>Inseam Cordura® nylon available in regular (25” thigh) or husky (28” thigh) and 27”-30”, 30”-33”, 33”-36” inseams.</td>
</tr>
</tbody>
</table>

Finger Guards

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A G-7018-CE</td>
<td>Grain leather, closed end, wrap around</td>
</tr>
<tr>
<td>B S-7018-CE</td>
<td>Split leather, closed end, wrap around</td>
</tr>
<tr>
<td>C G-7002-OE</td>
<td>Grain leather, open end</td>
</tr>
<tr>
<td>D SF-7000-657-OE</td>
<td>Split leather, open end</td>
</tr>
<tr>
<td>E G-7012-CE</td>
<td>Grain leather, closed end, flat</td>
</tr>
<tr>
<td>F S-7012-CE</td>
<td>Split leather, closed end</td>
</tr>
</tbody>
</table>

Steel-Studded Guards

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-7005-OE</td>
<td>Grain leather, horizontal steel studding</td>
</tr>
<tr>
<td>V-7007-OE</td>
<td>Grain leather, vertical steel studding</td>
</tr>
<tr>
<td>D-7022-OE</td>
<td>Grain leather, diagonal steel studding</td>
</tr>
</tbody>
</table>

Thumb Guards

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST-7000-OE</td>
<td>Split leather, open end</td>
</tr>
<tr>
<td>S-7019-CE</td>
<td>Split leather, closed end, wrap around</td>
</tr>
<tr>
<td>GT-7000-OE</td>
<td>Grain leather, open end</td>
</tr>
<tr>
<td>G-7019-CE</td>
<td>Grain leather, closed end, wrap around</td>
</tr>
</tbody>
</table>

Finger guards are available in a variety of fabrics and styles. For example Kevlar®, wool, rubber and cotton. Please call our customer service department with any questions you may have.
Chainsaw Protection

**Chainsaw Chap**
Multi-layered Kevlar® with Cordura® nylon outer shell. Two-inch wide heavy nylon belt with adjustable quick release Nexus® clip. Five-compartment tool pocket with snap flap closure. Designed to clog and block the cutting chain. Added protection is provided if the Kevlar® material is pulled into the drive sprocket, jamming it. Chap is not a substitute for safe operating procedures. It is the buyer’s responsibility to determine if this product will be adequate protection.

Measure length from waist down.

2600-28” 2600-36”
2600-32” 2600-40”

**Chainsaw Gloves**

**CSG-3**
Grain pig leather palm. Back is 1-ply Kevlar® jersey and 3-ply ballistic Kevlar®.
Available in sizes XS-XL.

**Metatarsal Guard**
LW-800
Wear with steel toe safety shoes to extend impact protection to instep. Aluminum alloy with rubber padding.

**Foot Guard**
LW-200
Protect entire front of foot from impact hazards. Aluminum alloy, rubber strap, rubber toe clip.

**Steel Toe Guards**
LW-702
Steel guard for maximum toe protection. Quick fastener, adjustable web strap.

**Shin Guard**
LW-303
Aluminum alloy, padded top and bottom, fastened with web straps.

**Shin-Instep Guard**
LW-323
Aluminum alloy, padded with sponge rubber. Fastened with web straps.

**Knee-Shin-Instep Guard**
LW-334
Plastic, padded with sponge rubber. Fastened with web straps.

**Plastic Toe Guard**
LW-505
Lightweight toe protection. Does not replace steel toe shoe protection.
### Chemical Protection

**PVC**
13 oz. polyester with green PVC coating. See chemical guideline chart below.
- **CHEM-0647** Hood (shown)
- **CHEM-SHROUD** Shroud (shown below)
- **CHEM-600** Jacket 30” (shown)

**Hycar®**
Hycar® (not FR), nitrile medium weight. Very durable, provides good resistance to many acids, solvents and oils. Available in black (shown), yellow, and white.
- 545-HY-(Color) 45” Apron
- 548-HY-(Color) 48” Apron (shown)
- 593-HY-AB 18” Sleeve (shown)

**Neoprene**
Neoprene coated nylon provides good resistance to many acids, hydrocarbons and oils. Available in yellow only.
- 545-NEO 45” Apron
- 548-NEO 48” Apron (shown)
- 593-NEO-AA 18” Sleeve (shown)
- 564-NEO-50” Surgical style gown

Call our customer service department for information on our full line of Hycar® and Neoprene Protection.

### Penetration Summary – Green PVC Material

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Average Sample Thickness (mm)</th>
<th>Test Temperature (Celsius)</th>
<th>Indicator</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>0.382</td>
<td>22.8</td>
<td>pH paper</td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>0.392</td>
<td>22.9</td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>0.394</td>
<td>23.2</td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td>0.383</td>
<td>23.2</td>
<td>pH paper</td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>0.378</td>
<td>23.2</td>
<td></td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>0.383</td>
<td>23</td>
<td></td>
<td>Pass</td>
</tr>
</tbody>
</table>
Non FR Work Apparel/Storage Bags

**Coveralls**

**WK-605-PC (shown)**
65% polyester/35% cotton. Pre-shrunk permanent press. Bi-swing back. Concealed 2-way brass zipper front. Seven-pocket style with side openings for access to inner clothing. (7¾ oz.)
Specify color: white, charcoal, navy blue, spruce green, chocolate brown, postman blue.

**WK-605-C**
100% cotton. Pre-shrunk. Plain back concealed brass button front. Seven-pocket style with side openings for access to inner clothing. (8½ oz.)
Specify color: charcoal, chocolate brown, white, natural, navy blue, spruce green, suntan, postman blue, Fisher herringbone stripe (10 oz.).

**Office, Lab and Shop Coat**

**1600 (30") Office Coat (shown)**

**1700 (40") Lab Coat (shown)**

**PC-1800 (42") Shop Coat, 7½ oz. poly-cotton**
Specify color: white, navy blue, postman blue, and white with navy blue trim.

**C-1800 (42") Shop Coat, 8½ oz. 100% cotton**
Four-pocket style. Concealed brass button front. Specify color: white, navy blue, postman blue, white with navy blue trim, suntan, spruce green, and 10 oz. Fisher Herringbone.

**Duffel Bags**

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>907</td>
<td>General Use</td>
<td>18”W x 9½”H x 9½”D</td>
</tr>
<tr>
<td>909-J</td>
<td>Jumbo Style</td>
<td>24”W x 13½”H x 13½”D</td>
</tr>
<tr>
<td>909</td>
<td>Fire Fighter’s Bag</td>
<td>23”W x 11”H x 13½”D</td>
</tr>
</tbody>
</table>

Available with or without shoulder straps.
All bags are available in your choice of Cordura® nylon, nylon on vinyl or vinyl-coated polyester. See Price List for colors.

**Storage and Respirator Bags**

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>900</td>
<td>Half Face Respirator</td>
<td>6⅜”W x 8”H x 4½”D</td>
</tr>
<tr>
<td>901</td>
<td>Full Face Respirator</td>
<td>9”W x 12”H x 6”D</td>
</tr>
<tr>
<td>902</td>
<td>Goggle Cover</td>
<td>6½”W x 4½”H x 3½”D</td>
</tr>
</tbody>
</table>

Respirator bags come standard with belt loops. Shoulder strap or waist belt available.
Welding Screens

One-Panel Screens (with legs)
Available sizes (width x height):
- 5' x 4'
- 6' x 4'
- 6' x 5'
- 6' x 6' (most popular, shown)
- 8' x 5'
- 8' x 6'
- 8' x 8'

Two-Panel Screens (platform legs optional)
Available sizes (width x width x height):
- 4' x 4' x 4'
- 5' x 5' x 5'
- 6' x 6' x 6' (shown)
- 8' x 8' x 6'
- 8' x 8' x 8'

Three-Panel Screens (platform legs optional)
Available sizes (width x width x width x height):
- 2' x 4' x 2' x 4'
- 4' x 4' x 4' x 4'
- 3' x 4' x 3' x 5'
- 3' x 6' x 3' x 5'
- 5' x 5' x 5' x 5'
- 4' x 4' x 4' x 6'
- 6' x 6' x 6' x 6' (shown)
- 8' x 8' x 8' x 8'

Four-Panel Screens (with legs)
Available sizes (width x width x width x width x height):
- 6' x 6' x 6' x 6' x 6' (shown)
- 6' x 8' x 6' x 8' x 6'
- 8' x 8' x 8' x 8' x 6'
- 8' x 8' x 8' x 8' x 8'

Weld Strip Doors
Replacement Strips and Bulk Rolls
When ordering, please specify material color number.
- Amber (31)
- Aztec Red (32)
- Charcoal (33)

BULK ROLLS

<table>
<thead>
<tr>
<th>Size</th>
<th>Stock #</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x .080&quot;</td>
<td>C8</td>
<td>300</td>
</tr>
<tr>
<td>12&quot; x .120&quot;</td>
<td>C12</td>
<td>200</td>
</tr>
</tbody>
</table>

CUT STRIPS (full foot increments — pkg. of 5)

<table>
<thead>
<tr>
<th>Size</th>
<th>Stock #</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x .080&quot;</td>
<td>C8-1</td>
</tr>
<tr>
<td>12&quot; x .120&quot;</td>
<td>C12-1</td>
</tr>
</tbody>
</table>

Improve the levels of safety and productivity at your facility. Choose a system that will protect you from welding and grinding hazards.

All fabrics available as screen inserts. Most popular fabrics are:
- 12 oz. olive drab, 13 mil. Weldview in assorted colors, fiberglass (plain or coated), and aluminized fabrics.

Screens are attached to frames with nylon beaded ties. Platform legs available for all screens. Casters available, two casters per platform leg.

Ready Roll Curtains
14 mil. TRANSPARENT (RR-14)

When ordering please specify material color number.
- Yellow (02)
- Orange (03)
- Grey (04)
- Blue (05)
- Green (06)

Rolls are 25 yards long with grommets on 12" centers. Maximum height 64". Easy attachment to any hook system, cut as needed with any utility knife.

Welding Strip Curtains
For high traffic areas, these PVC Strip Curtains use universal pre-studded, zinc-plated hardware that can economically solve your OSHA and regulatory problems.

When ordering, please specify material color number:
- Amber (31)
- Aztec Red (32)
- Charcoal (33)

8" x .080" 50% OVERLAP

<table>
<thead>
<tr>
<th>Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' x 7'</td>
</tr>
<tr>
<td>4' x 8'</td>
</tr>
<tr>
<td>5' x 7'</td>
</tr>
<tr>
<td>6' x 7'</td>
</tr>
<tr>
<td>6' x 8'</td>
</tr>
</tbody>
</table>

12" x .120" 67% OVERLAP

<table>
<thead>
<tr>
<th>Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8' x 8'</td>
</tr>
<tr>
<td>8' x 10'</td>
</tr>
<tr>
<td>10' x 10'</td>
</tr>
<tr>
<td>10' x 12'</td>
</tr>
<tr>
<td>12' x 12'</td>
</tr>
</tbody>
</table>
## Welding Blankets

### Curtains

<table>
<thead>
<tr>
<th>Material</th>
<th>Weight</th>
<th>Description</th>
<th>Roll Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olive Drab Duck</td>
<td>OD-12 oz.</td>
<td>General use flame, water and mildew resistant. Treated cotton duck. Most economical. 12 oz. is standard. 10 oz and 14.9 oz. are available.</td>
<td>36&quot;</td>
</tr>
<tr>
<td></td>
<td>OD-10 oz.</td>
<td></td>
<td>48&quot;</td>
</tr>
<tr>
<td></td>
<td>OD-14.9 oz.</td>
<td></td>
<td>60&quot;</td>
</tr>
</tbody>
</table>

### Blankets

<table>
<thead>
<tr>
<th>Material</th>
<th>Weight</th>
<th>Description</th>
<th>Roll Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weldview</td>
<td>WV-13-14 mil.</td>
<td>Yellow, orange, grey, green and blue Translucent vinyl, filters most U.V. Reduces visible flash and allows light in work areas. CFM approved.</td>
<td>62&quot;</td>
</tr>
<tr>
<td>Heat Cleaned Glass</td>
<td>HCG-18 oz.</td>
<td>Most economical, lightweight, fiberglass. Melting temperature of 1000°F. Good for light welding protection.</td>
<td>40&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>60&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>72&quot;</td>
</tr>
<tr>
<td>Generic Glass Cloth – Heavy</td>
<td>GGCH-35 oz.</td>
<td>Heavier weight fiberglass. Melting temperature of 1000°F. Good for stress relief and moderate molten splash or sparks.</td>
<td>40&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>48&quot;</td>
</tr>
<tr>
<td></td>
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<td>60&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>72&quot;</td>
</tr>
<tr>
<td>Blackflex</td>
<td>BF-23 oz.</td>
<td>Durable material with proprietary coating on two sides. Fiberglass base. 400°F working temperature, 1000°F melting temperature. Good for sparks and slag. Will take higher heats when used on a vertical plane.</td>
<td>40&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>60&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>72&quot;</td>
</tr>
<tr>
<td>Goldenglass</td>
<td>GLG-24 oz.</td>
<td>Durable material with proprietary coating on one side. 400°F working temperature, 1000°F melting temperature. Good for sparks and slag.</td>
<td>40&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>60&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>72&quot;</td>
</tr>
<tr>
<td>Silica Cloth</td>
<td>SC-18-18 oz.</td>
<td>Protects from sparks, splatter, and molten metal. Up to 1800°F working temperature. Melting temperature near 3000°F. Good for stress relief. Not recommended for areas with high abrasion.</td>
<td>36&quot;</td>
</tr>
<tr>
<td></td>
<td>SC-36-36 oz.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCF-30 oz.</td>
<td>General purpose, sheds oils, sparks and splatter. Working temperature up to 500°F. Melting temperature of 1000°F. Good abrasion resistance.</td>
<td>60&quot;</td>
</tr>
<tr>
<td>Silicone-Coated Fiberglass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leather Welding Blanket</td>
<td>CL-3½ oz.</td>
<td>Abrasion resistant and durable with good flexibility. Protects from moderate sparks and splatter.</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>per sq. ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminized Kevlar® Blend</td>
<td>AKV-19 oz.</td>
<td>Reflects up to 2000°F radiant heat. When used in work area, can minimize heat transmission and provide a more comfortable work environment. Will protect from sparks and splatter when used on a vertical plane.</td>
<td>40&quot;</td>
</tr>
</tbody>
</table>
## High Visibility

### Vests

<table>
<thead>
<tr>
<th>Hi-Vis</th>
<th>Indura Vest</th>
<th>Nomex Vest</th>
</tr>
</thead>
</table>
| • Hi-Vis back  
• Goat skin palm and fingers  
• Style # MX-80-(size), available S-2XL |  
**ESV-VEST**  
Economy style with no reflective stripes.  
Size large. |  
**STD-VEST-SIZE**  
2" vertical striping on front, 2" horizontal striping on back. Velcro™ front, elastic side closure. |

### Fire Canister

**20H**  
Fire blanket storage canister. 20 gauge red metal mounts on wall with two screws. Specify if blanket is required.

### Wall Bag

**E-30-H**  
High-visibility fire blanket wall bag. Grommets at top allow bag to be mounted to wall. Specify if blanket is required.

### Hi-Vis Covers

Bright fluorescent color pinpoints locations of fire extinguishers and hoses. See price list for sizes and styles.

### Fire Blankets

**Wool (62" x 84")**  
First aid, FR wool blanket fits inside both wall bag and canister.

**NPN (60" x 80")**  
Needle punch Nomex® blanket fits inside both wall bag and canister.

### Arm Band

Illuminating bands reflect lights of oncoming vehicles after dark. Wear on ankle or arm. Velcro™ closure.

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See Price List for complete vest information.
Questions to Ask Your Customers to Help Assist in Selecting Proper PPE:

- How high is the temperature you’re working with?
- How heavy is the object being held?
- How long is the exposure time?
- What is the abrasion factor?
- What was being used before and how effective was it?

Foundry Protection

- Foundry applications might require primary and/or secondary protective clothing. Primary protective clothing should be worn when subjected to significant exposure to molten slag, radiant heat, or flames. Secondary protective clothing is designed for continuous wear for work activities with intermittent exposure or where exposure to sparks and flames would be less likely. If primary protective clothing is required, secondary clothing should be worn under it.

Primary Protection
- Aluminized Carbon®
- Aluminized Carbon Kedar®
- Aluminized Kedar®
- Aluminized Rayon®

Secondary Protection
- Carbon®
- Oasis®
- FR cotton (Indura® or Proban®)
- Vinyl®” (fewer metallic fabric)

Welding Protection

We provide welding protection in the form of clothing, blankets and screens. The intensity of welding will determine the fabric needed for protection. TIG welding would require less protection than high arc welding. Below is a list of materials that would protect from heavy, medium and light intensity welding.

Clothing
- Leather (heavy)
- Tuff Welt® (medium)
- FR cotton (Indura® or Proban® (light))

Blankets
- 36 oz. silicone (heavy)
- 35 oz. Glass cloth (medium)
- 18 oz. Heat shield glass (light)

Flame Protection

Government reports note that the majority of severe and fatal burn injuries are due to the individual’s clothing igniting and continuing to burn, not by the exposure itself. Below is a list of flame-resistant fabrics that are appropriate to be used as secondary protection from flames. The level of protection typically varies in fabric weight and composition.

Indura® UltraSoft™ 7 oz. 9 oz. or 12 oz.
Indura® 7 oz. 9 oz. or 12 oz.
Nomex® 6 oz. 6 oz. or 9 oz.
Pyrovat® 7 oz. 9 oz. or 11 oz.

ARC Flash Protection

For arc flash protective clothing, we offer fabrics that have been tested to NFPA 70E specifications. Fabric weights and number of layers will dictate the level of protection that a fabric or a system offers. The end user must supply us with the level of protection they require. We do not calculate for them.

Indura® UltraSoft™ (88% cotton, 12% nylon) 8 oz. 12 oz. 20 oz. 32 oz.
Nomex® More than Carbon®
Master series 44 oz. and 74 oz.

Chemical Protection

We offer a variety of chemical-resistant fabrics for aprons, sleeves, clothing and specialty. Chemical resistant fabric is typically dependent on their solution strength and temperature. Sample swatches of our fabrics are available for your own testing.

Hyber®, medium weight miliken®
Neoprene, yellow
PVC, 16 oz. green

Cut Protection

Our line of cut protective garments includes jackets, aprons, sleeves and leggings.

Kevlar® knit 8 oz.
Kevlar® mesh 10 oz.
Nylon, cera mesh

Cut to specifications.

Liability Statement and Disclaimer of Warranties

This catalog does not provide any information or indication of the number of the product present to be defective. Neither Seller nor manufacturer shall be liable for any injury, loss, or consequential arising out of the use of or failure to use the product. Before using, the end user shall undertake all risks and liability whatsoever in connection therewith. Therefore, the buyer shall make a careful analysis of the use for which these products are purchased. Neither the sellers nor manufacturer is responsible for any injury, loss, or consequential arising out of the use of or failure to use the product. Before using, the end user shall undertake all risks and liability whatsoever in connection therewith. Therefore, the buyer shall make a careful analysis of the use for which these products are purchased. Neither the sellers nor manufacturer is responsible for any injury, loss, or consequential arising out of the use of or failure to use the product. Before using, the end user shall undertake all risks and liability whatsoever in connection therewith. Therefore, the buyer shall make a careful analysis of the use for which these products are purchased.

Request our other catalog to help complete your safety product lines.

Arc Flash Protection
- NFPA 705®
- ASTM F1506
- FR Flash Gloves
- FR Face Shields
- FR Workwear
- Much More!

The Power of CarbonX®
- Undergarments
- Workwear
- Sleeves
- Hats
- Blankets
- Much More

Mechflex®
- Mechanics Gloves
- Ultimate Comfort
- Ultimate Dexterity
- Professional Performance
- Custom Designs
- Much More

Ronce
- Storage Bags
- Respirator Bags
- Kit Bags
- Gear Bags
- Fanny Packs
- Utility Belt Pouch
- Pocket Pouch
- Handbag
- Much More

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