



WELDING SAFETY PRODUCTS

QUICK REFERENCE GUIDE

www.pipusa.com

A global provider of innovative safety products



PROTECTIVE INDUSTRIAL PRODUCTS

Over 30 years ago, PIP® founders, Joe Milot and Wellson Tao set out on a mission to bring the best of the world in Safety products.

FOUNDED IN
1984

IN LATHAM, NY, USA

WORKFORCE OF OVER
1000+

EMPLOYEES

WITH OVER
5K+

PRODUCTS AVAILABLE

OVER
20

GLOBAL LOCATIONS

MANUFACTURING LOCATIONS
10

IN NORTH AMERICA

DISTRIBUTION CENTERS
1.3M SQ FT

GLOBALLY SITUATED

Today, PIP® is a leader in safety products.

BRANDS THAT EXTEND AROUND THE GLOBE.



MAIN PRODUCT CATEGORIES



HAND & ARM PROTECTION



PROTECTIVE GARMENTS



EYE & HEARING PROTECTION



ELECTRICAL SAFETY



HEAD PROTECTION

Protecting Hands

Up to 30 percent of hand injuries are attributed to fit, wear or simply the wrong type of glove for the hazard. Through innovation and proper training, PIP® believes it can help eliminate hand injuries on the job. G-Tek® cut resistant gloves offer the right protection, fit and feel so workers are comfortable, secure and more productive.

Safety Products You Can Trust

Over the last 10 years, PIP® has grown its product offering in personal protective equipment for above-the-neck and body protection. Today, in addition to knit gloves and sleeves, we manufacture hard hats, face shields, earmuffs, ear plugs and first aid products.



Welding Safety

KEY TO SAFETY IN WELDING

THE KEY TO INJURY REDUCTION IS NOT JUST PRODUCT, IT'S UNDERSTANDING APPLICATIONS SO THAT THE RIGHT SAFETY PRODUCT IS USED.

Welding is inherently dangerous. Gas, flame, sparks, blinding light – nothing can be left to chance.

PIP® offers the right product designed specifically for protecting professional welders. Tailored to work with the different types of welding.

Hand & Arm Protection

CHOOSING THE RIGHT PROTECTION IS ESSENTIAL TO NOT ONLY MINIMIZING SAFETY RISKS BUT MAXIMIZING WORKER PRODUCTIVITY AND THE QUALITY OF THE WELD.

IRONCAT® welding gloves and sleeves are specifically designed for the unique heat shielding, dexterity, tactility and protection demands of all welding and metal fabrication applications.

STICK

Maximum Heat Protection and Durability

MIG

Enhanced Dexterity and Comfort

TIG

Extreme Precision and Durability

SLEEVES

Extended Arm Protection

Body Protection

PROFESSIONAL WELDERS ARE CONSTANTLY AT RISK DUE TO WELDING EQUIPMENT THAT PUTS OUT HEAT, SPARKS, METAL AND FUMES.

Selecting the proper PPE depends on the hazard, where you work, how often you perform the task, jobsite requirements and ultimately what you are comfortable with.

WELDING JACKETS

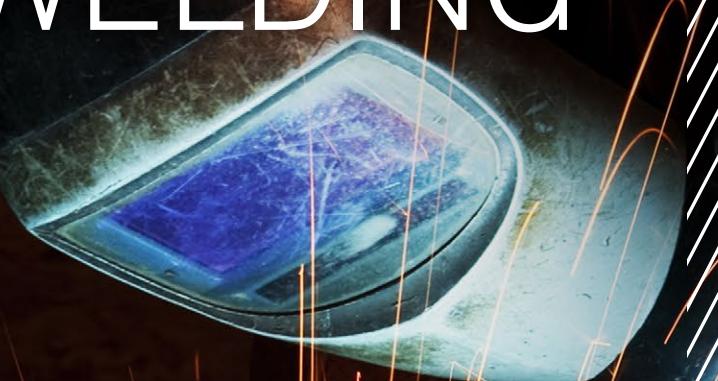
Protect the torso, arms, back and neck

BIB APRONS

Protect the torso

CAPE SLEEVE

Protects the shoulders, upper chest and arms



MIG Welding

ENHANCED DEXTERITY & COMFORT

Low to Medium Amp

90 to 125 amp / 125 to 250 amp

APPLICATIONS	USER NEEDS
 TACK WELDING	DEXTERITY
 AUTOMOTIVE	TACTILITY
 INDUSTRIAL REPAIR	HEAT CONTACT & FR EXPOSURE

LOW MEDIUM HIGH



6000



IRONCAT® PREMIUM COWHIDE, S-XL

- Wing thumb for optimal dexterity
- 4" cuff protects hands and lower arms
- Optimal heat resistance



6010



IRONCAT® PREMIUM COWHIDE, S-XL

- Wing thumb for optimal dexterity
- 4" cuff protects hands and lower arms
- Optimal heat resistance



6021



IRONCAT® PREMIUM PIGSKIN, S-XL

- Unlined for ultimate tactility
- 4" cuff protects hands and lower arms
- Optimal heat resistance

High Amp

250+ amp

APPLICATIONS	USER NEEDS
 STRUCTURAL	DEXTERITY
 HEAVY DUTY REPAIR	TACTILITY
 HEAVY INDUSTRIAL	HEAT CONTACT & FR EXPOSURE

LOW MEDIUM HIGH



6143



IRONCAT® PREMIUM GOATSKIN/COWHIDE, M-2XL

- Highly durable and comfortable
- 4" cuff protects hands and lower arms
- Lined for added heat protection



9071



IRONCAT® PREMIUM GOATSKIN/COWHIDE, M-2XL

- Outstanding comfort, fit and feel
- Reinforced palm, finger and thumb saddle for added heat protection
- Increased protection for hands and lower arms
- Kevlar® thread for extended use



9072



IRONCAT® PREMIUM GOATSKIN/COWHIDE, WITH CLIMAX™, M-2XL

- Outstanding comfort, fit and feel
- Climax™ Aerogel insulation provides unmatched heat protection
- Extended cuff for wrist and forearm protection

Grinding

HIGHLY ABRASIVE & CUT RESISTANT



Small Grinding Wheel

Under 5" diameter

APPLICATIONS	USER NEEDS
 HOME & HOBBY	CUT RESISTANCE
 LIGHT INDUSTRIAL FABRICATION	ABRASION RESISTANCE
 AUTOMOTIVE	PROTECTION AGAINST SPARKS

LOW MEDIUM HIGH



9414



IRONCAT® PREMIUM COMBO DRIVER, S-3XL

- Great range of movement
- Ultimate durability
- Snug fit

APPLICATIONS	USER NEEDS
 HEAVY INDUSTRY	CUT RESISTANCE
 PIPELINE & SHIP BUILDING	ABRASION RESISTANCE
 STRUCTURAL	HEAT CONTACT & FR EXPOSURE

LOW MEDIUM HIGH



9916

IRONCAT® CUT RESISTANT PREMIUM GOATSKIN DRIVER WITH IMPACT PROTECTION, S-3XL

- High cut and abrasion resistance
- Protects against crush and pinches
- Soft, supple and durable



KS993KOAB



IRONCAT® CUT/OIL/WATER RESISTANT DRIVER WITH IMPACT PROTECTION, S-3XL

- Highly cut and puncture resistant
- Protects against ARC flash
- Water and oil resistant

9076

IRONCAT® CUT RESISTANT BUFFALO UTILITY GLOVE, S-2XL

- Impact and pinch point resistant
- Kevlar® lining for cut and heat protection
- Soft and durable



9076



IRONCAT® CUT RESISTANT BUFFALO UTILITY GLOVE, S-2XL

- Impact and pinch point resistant
- Kevlar® lining for cut and heat protection
- Soft and durable

6144

IRONCAT® CUT RESISTANT PREMIUM KIDSKIN, XS-2XL

- High cut resistance
- Protects against ARC flash
- Softest leather for comfort and dexterity
- Kevlar® thread for extended use



Gas Cutting

EXTENDED COVERAGE & HEAT PROTECTION

Thin Material

Under 6" thick

APPLICATIONS	USER NEEDS
 SCRAP YARD	EXTENDED FOREARM COVERAGE
 AUTOMOTIVE	SPLATTER PROTECTION
 TRIM & FITTING PIECES	HEAT CONTACT & FR EXPOSURE



945



IRONCAT® PREMIUM SPLIT COWHIDE, L

- Enhanced comfort and safety
- Kevlar® thread for extended use
- Cotton/foam lining provides excellent heat protection



9010



IRONCAT® STANDARD SPLIT COWHIDE, L

- Wing thumb for optimal dexterity
- Cotton sock lining absorbs perspiration
- Protects hands and arms from sparks and spatter



9051



IRONCAT® REINFORCED PREMIUM SPLIT COWHIDE, M-XL

- Protection from sparks and spatter
- Kevlar® thread for extended use
- Cotton/foam lining provides excellent heat protection

Thick Material

Over 6" thick

APPLICATIONS	USER NEEDS
 SCRAP YARD	EXTENDED FOREARM COVERAGE
 AUTOMOTIVE	SPLATTER PROTECTION
 TRIM & FITTING PIECES	HEAT CONTACT & FR EXPOSURE



9060/9061



IRONCAT® PREMIUM ELKSKIN, S-XL

- Best fit and tactility
- Extended cuff for wrist and forearm protection
- Cotton/foam lining provides excellent heat protection



9072



IRONCAT® PREMIUM GOATSKIN/COWHIDE WITH CLIMAX™, M-2XL

- Outstanding comfort, fit and feel
- Climax™ Aerogel insulation provides unmatched heat protection
- Extended cuff for wrist and forearm protection



9070



IRONCAT® PREMIUM GOATSKIN/COWHIDE WITH CLIMAX™, M-2XL

- Climax™ Aerogel insulation provides unmatched heat protection
- Precurved fingers for ultimate comfort
- Full hand and arm protection

Plasma & Laser Cutting

HIGH HEAT & ABRASION RESISTANCE

Low to Medium Amp

0 to 45 amp

APPLICATIONS



HOME & HOBBY

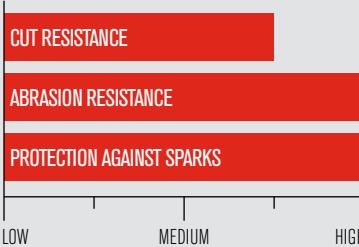


LIGHT INDUSTRIAL FABRICATION



TRIM & FITTING PIECES

USER NEEDS



6100

IRONCAT® FLAME RESISTANT SILICONE COATED, S-2XL

- 4x more abrasion resistant than traditional leather
- Protects against cuts and ARC flash
- Unmatched tactility
- Intermittent handling of objects up to 482°F



9073

IRONCAT® PREMIUM GOATSKIN WITH NOMEX™, M-2XL

- Flame and heat resistant
- Kevlar® thread for added heat protection
- Precurved fingers for added comfort



KS992K

IRONCAT® CUT RESISTANT PREMIUM COWHIDE DRIVER, S-3XL

- Highly cut and puncture resistant
- Protects against ARC flash
- High comfort and protection

High Amp

45+ amp

APPLICATIONS



HEAVY INDUSTRY

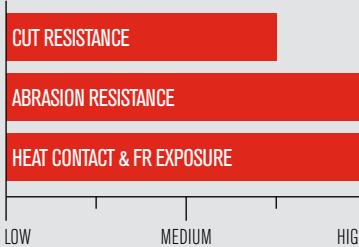


TABLE CUTTING



TRIM & FITTING PIECES

USER NEEDS



KS992K

IRONCAT® CUT RESISTANT PREMIUM COWHIDE DRIVER, S-3XL

- High cut and puncture resistance
- Protects against ARC flash
- High comfort and protection



KS993KOAB

IRONCAT® CUT/OIL/WATER RESISTANT DRIVER WITH IMPACT PROTECTION, S-3XL

- High cut and puncture resistance
- Protects against ARC flash
- Water and oil resistant



6144

IRONCAT® CUT RESISTANT PREMIUM KIDSkin, XS-2XL

- High cut resistance
- Protects against ARC flash
- Softest leather for comfort and dexterity

Brazing

ENHANCED TACTILITY & HEAT PROTECTION

Low Temperature

840 - 2000°F

APPLICATIONS	USER NEEDS
 PIPELINE & SHIP BUILDING	DEXTERITY
 AEROSPACE	SPLATTER PROTECTION
 HVAC	ELECTRICAL SHOCK PROTECTION

LOW MEDIUM HIGH



6100

IRONCAT® FLAME RESISTANT SILICONE COATED, S-2XL

- 4x more abrasion resistant than traditional leather
- Protects against cuts and ARC flash
- Unmatched tactility
- Intermittent handling of objects up to 482°F

ANSI CUT
A3



9073

IRONCAT® PREMIUM GOATSKIN WITH NOMEX™, M-2XL

- Flame and heat resistant
- Kevlar® thread for added heat protection
- Precurved fingers for added comfort
- 4" cuff protects hands and lower arms



86560

IRONCAT® CUT RESISTANT GOATSKIN DRIVER WITH NOMEX™, S-2XL

- Flame and heat resistant
- Protects against ARC flash
- Excellent tactility

ANSI CUT
A3



High Temperature

2000°F+

APPLICATIONS	USER NEEDS
 PIPELINE & SHIP BUILDING	DEXTERITY
 AEROSPACE	SPLATTER PROTECTION
 HVAC	ELECTRICAL SHOCK PROTECTION

LOW MEDIUM HIGH



6100

IRONCAT® FLAME RESISTANT SILICONE COATED, S-2XL

- 4x more abrasion resistant than traditional leather
- Protects against cuts and ARC flash
- Unmatched tactility
- Intermittent handling of objects up to 482°F



9073

IRONCAT® PREMIUM GOATSKIN WITH NOMEX™, M-2XL

- Flame and heat resistant
- Kevlar® thread for added heat protection
- Precurved fingers for added comfort
- 4" cuff protects hands and lower arms



9072

IRONCAT® PREMIUM GOATSKIN/COWHIDE WITH CLIMAX™, M-2XL

- Outstanding comfort, fit and feel
- Climax™ Aerogel insulation provides unmatched heat protection
- Extended cuff for wrist and forearm protection



Soldering

ULTIMATE DEXTERITY



Low Temperature

200° to 500°F

APPLICATIONS	USER NEEDS
HVAC	DEXTERITY
COMPONENT MANUFACTURING	SPLATTER PROTECTION
PLUMBING	HEAT CONTACT & FR EXPOSURE
	LOW MEDIUM HIGH



6141

IRONCAT® PREMIUM KIDSKIN, S-3XL

- Best fit and tactility
- Enhanced dexterity
- 4" cuff protects hands and lower arms



6100

IRONCAT® FLAME RESISTANT SILICONE COATED, S-2XL

- 4x more abrasion resistant than traditional leather
- Protects against cuts and ARC flash
- Unmatched tactility
- Intermittent handling of objects up to 482°F



9071

IRONCAT® PREMIUM GOATSKIN/COWHIDE, M-2XL

- Outstanding comfort, fit and feel
- Reinforced palm, finger and thumb saddle for added heat protection
- Increased protection for hands and lower arms
- Kevlar® thread for extended use



High Temperature

500°F +

APPLICATIONS	USER NEEDS
HVAC	DEXTERITY
COMPONENT MANUFACTURING	SPLATTER PROTECTION
PLUMBING	HEAT CONTACT & FR EXPOSURE
	LOW MEDIUM HIGH



6100

IRONCAT® FLAME RESISTANT SILICONE COATED, S-2XL

- 4x more abrasion resistant than traditional leather
- Protects against cuts and ARC flash
- Unmatched tactility
- Intermittent handling of objects up to 482°F



9073

IRONCAT® PREMIUM GOATSKIN WITH NOMEX™, M-2XL

- Flame and heat resistant
- Kevlar® thread for added heat protection
- Precurved fingers for added comfort
- 4" cuff protects hands and lower arms



9071

IRONCAT® PREMIUM GOATSKIN/COWHIDE, M-2XL

- Outstanding comfort, fit and feel
- Reinforced palm, finger and thumb saddle for added heat protection
- Increased protection for hands and lower arms
- Kevlar® thread for extended use





Jackets

7040**IRONTEX®
FR WELDERS JACKET, 30",
M-5XL**

- 9 oz. twill fabric
- Black anodized snaps
- Inside hip pocket
- Snap at wrist

7050**IRONTEX®
FR SATEEN COTTON JACKET,
S-5XL**

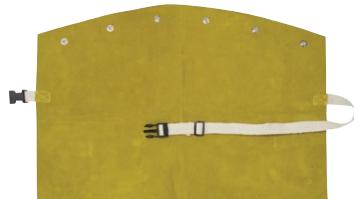
- 9 oz. Sateen fabric
- Pop-up welders collar with snap closure
- Anodized snaps and rivets with leather reinforcement

7060**IRONTEX®
HI-VIS ORANGE JACKET,
S-6XL**

- 9 oz. twill fabric
- Hi-vis orange color
- 2" flame resistant reflective tape
- Hook-and-loop safety harness opening

7005**IRONCAT®
LEATHER JACKET, M-3XL**

- Heat resistant spit cowhide with Kevlar® thread
- Anodized and leather reinforced snaps
- Underarm gusset



Aprons & Bibs

7080**IRONTEX®
BIB APRON, 36" & 42"**

- Adjustable cotton strap

7010**IRONCAT®
BIB APRON, 36" & 42"**

- Heat resistant split cowhide with Kevlar® thread
- Adjustable cotton straps
- Side release buckle

7052**IRONTEX®
BIB, 14" & 20"**

- Adjustable cotton strap
- Coordinates with cape sleeve

7001**IRONCAT®
LEATHER BIB, 14" & 20"**

- Heat resistant split cowhide with Kevlar® thread
- Adjustable cotton straps
- Coordinates with cape sleeve



Cape Sleeves

7051**IRONTEX®
CAPE SLEEVE, M-3XL**

- Anodized snaps
- Pop up collar

7000**IRONCAT®
CAPE SLEEVE, M-4XL**

- Heat resistant spit cowhide with Kevlar® thread
- Soapstone pocket on each sleeve
- Anodized and leather reinforced snaps

Welding Pad

5500**IRONCAT®
BACK-OF-HAND WELDING PAD, ONE SIZE**

- Non-asbestos aluminized fiberglass hand pad
- Flexible, form-fitting
- Double layer protection
- Elastic and Kevlar® strap



7070

7071

7020

Sleeves

7070

**IRONTEX®
SLEEVES WITH 2" ELASTIC,
18" & 23"**

- 2" wide elastic
- Ideal for light welding

7071

**IRONTEX®
SLEEVES WITH 3/4" ELASTIC,
18" & 23"**

- 3/4" wide elastic
- Ideal for light welding

7020

**IRONCAT®
LEATHER SLEEVES, 18"**

- Heat resistant spit cowhide with Kevlar® thread
- Adjustable buckles and snaps
- Anodized and leather reinforced snaps
- Snap at wrist



FR Clothing

305-2200

ANSI TYPE R CLASS 2

AR/FR SOLID VEST, M-5XL

- ANSI Type R Class 2
- Solid Westex® DH fabric for long lasting performance and comfort
- 2" FR reflective tape
- Meets NFPA 70E, ASTM F1506
- ARC rating: ATPV 8.9 cal/cm²
- To be worn over ARC rated clothing

385-FRLS-OR

AR/FR LONG SLEEVE T-SHIRT, M-4XL

- 6.5oz 100% cotton interlock knit FR
- ARC rating: ATPV 11.8 cal/cm²
- Meets NFPA 70E, ASTM F1506
- Fabric meets requirements in accordance with ANSI/NFPA 2112-2012

385-FRWS-KH

AR/FR DUAL CERTIFIED LONG SLEEVE WORKSHIRT - 8.5 CAL/CM2, S-4XL

- 7oz 90% cotton/10% nylon FR twill
- ARC rating: ATPV 8.5 cal/cm²
- Dual-certified to NFPA 70E and NFPA 2112-2012 standards
- 2 chest pockets with pencil line in each; buttoned flap closure
- Melamine FR buttons, front closure, collar, cuffs and pockets

385-FRPH-NV

AR/FR FLEECE PULLOVER HOODIE, M-3XL

- 12oz FR fleece knit
- ARC rating: ATPV 20.9 cal/cm²
- Adjustable FR drawstring around hood
- FR rib knit cuffs & waistband
- Patch pocket at front bottom



202-1019



202-2042

Liquid Cylinder Handling

202-1019

TEMP-GARD™ LIQUID PROOF SILICONE EXTREME TEMPERATURE GLOVE, S-L

- Impervious to cryogenic liquids and most other liquids and chemicals
- Exceptional grip that does not become slippery, even at extreme temperatures
- Protect from -321°F (-196°C) to +500°F (+260°C)
- Superior flexibility that will not stiffen

202-2042

TEMP-GARD™ EXTREME TEMPERATURE APRON, ONE SIZE

- Multi-layered construction for maximum thermal protection
- Liquid-proof outer layer to protect from splashes
- Protect from -321°F (-196°C) to +500°F (+260°C)
- Quick-release buckles at neck and waist for added safety
- Also available in 36", 48" and 54"



Face Shields

251-01-5201 / 251-01-7206

BOUTON® OPTICAL UNIVERSAL FIT POLYCARBONATE SAFETY VISOR - .040" THICKNESS

- Made with virgin resin, which leads to better uniformity of the viewing area
- Universal hole pattern will fit most headgear and hard hat adapters in the market
- Meets ANSI Z87.1+
- Also available in 0.06" thickness - 251-01-7206

251-01-7204

BOUTON® OPTICAL CLEAR POLYCARBONATE SAFETY VISOR WITH ALUMINUM BINDING

- Made with virgin resin, which leads to better uniformity of the viewing area
- Universal hole pattern will fit most headgear and hard hat adapters in the market
- Meets ANSI Z87.1+

251-01-7311 / 251-01-7312

BOUTON® OPTICAL UNCOATED POLYCARBONATE SAFETY VISOR - MEDIUM GREEN TINT

- Molded faceshield designs provide improved optical clarity and peripheral vision
- Aspherical shape is tapered at the chin for improved head/neck range of motion
- Universal hole pattern will fit most headgear and hard hat adapters in the market
- Also available in a dark green tint - 215-01-7312

251-01-7313 / 251-01-7315

BOUTON® OPTICAL UNCOATED POLYCARBONATE SAFETY VISOR - IR 3.0

- Molded faceshield designs provide improved optical clarity and peripheral vision
- Aspherical shape is tapered at the chin for improved head/neck range of motion
- Universal hole pattern will fit most headgear and hard hat adapters in the market
- Also available in IR 5.0 - 251-01-7313



Safety Glasses

ZENON Z13™

250-06-0014

Black Frame // IR Shade 1.7, Anti-Scratch

- Flexible, rubber tip temples provide a secure fit without uncomfortable pressure points
- Lightweight, rimless design provides all day user comfort
- Helps provide protection from projectiles and impact in general use applications

ANSER™

250-AN-10520

Black Frame // Clear, FogLess®3Sixty™ Lens

250-AN-10118

Black Frame // IR Shade 3.0, Anti-Scratch

250-AN-10119

Black Frame // IR Shade 5.0, Anti-Scratch

- Supplied with an adjustable neck cord
- Wraparound temples with rubberized tips
- Soft rubber nose pads help to stay in place

OVERSITE™

250-98-0013

Black Frame // IR 3.0 Anti-Scratch/Anti-Fog

250-98-0024

Black Frame // IR 1.7, Anti-Scratch/Anti-Fog

- Over-the-glass design helps keep prescription eyewear users in compliance
- Rimless frame design ensures an unobstructed view
- U-Fit® spatula temples



280-HP341SR-01



251-EPHC01



251-EPHC02

Hard Hats

280-HP341SR-01

DOM // WHITE HARD HAT

- Smooth dome shape is ideal for welding applications
- Shell has rain trough for extra convenience
- Accessory slots & chin strap attachments
- Sure-lock ratchet with swing strap allows the user to rotate the hat quickly

251-EPHC01

CAP-LOCK ADAPTER KIT

- To attach welding helmets, headgears or brackets to a hard hat
- Quick and easy snap on and off feature

251-EPHC02

CAP LOCK BLADES

- To attach welding helmets, headgears or brackets to a hard hat
- Will accommodate narrow welding helmet if used with the extension



FOR OUR COMPLETE LINE
OF SAFETY PRODUCTS
GO TO WWW.PIPUSA.COM



HAND & ARM
PROTECTION



PROTECTIVE
GARMENTS



EYE & HEARING
PROTECTION



ELECTRICAL
SAFETY



HEAD
PROTECTION



Welding
Safety

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