



PIP

OIL AND GAS SAFETY PRODUCTS

QUICK REFERENCE GUIDE

www.pipusa.com

A GLOBAL PROVIDER OF INNOVATIVE SAFETY PRODUCTS



Over 40 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
1500+
EMPLOYEES

WITH OVER
10K+
PRODUCTS AVAILABLE

OVER
25
GLOBAL LOCATIONS

MANUFACTURING LOCATIONS
9
IN NORTH AMERICA

DISTRIBUTION CENTERS
2M SQ
FT
GLOBALLY SITUATED

Today, PIP® is a leader in safety products

Brands That Extend Around The Globe



Assurance®



Protecting Workers

A significant portion of workplace injuries are linked to improper PPE use. PIP® can help assess the risks workers face and recommend product solutions designed to help workers in the Oil & Gas industry stay safe, including PPE such as AR/FR workwear, advanced respiratory solutions, and hand protection featuring enhanced durability and comfort even in extreme conditions.

Safety Products You Can Trust.

Over the last 10 years, PIP® has grown its product offering in personal protective equipment to deliver a complete range of innovative head-to-toe PPE solutions. Today, in addition to gloves, sleeves and protective eyewear, we manufacture hard hats, face shields, ear muffs, ear plugs and first aid products.



KEY TO SAFETY IN OIL AND GAS APPLICATIONS



UPSTREAM

Exploration, Drilling and Production

Workers involved in upstream activities face various hazards, including exposure to harmful substances, high-pressure equipment, and extreme environmental conditions. To ensure their safety, they need comprehensive head-to-toe PPE for tasks such as seismic surveys, exploratory drilling, offshore extraction, and hydraulic fracturing.

MIDSTREAM

Transport and Storage

Midstream workers face different hazards, such as handling and transporting flammable and toxic substances, working with high-pressure systems, and operating in diverse environments. Whether maintaining pipeline infrastructure or managing storage and shipping facilities, midstream workers require the appropriate PPE to maintain safety and productivity.

DOWNSTREAM

Refining and Processing

Downstream workers are involved in refining, processing, distributing, and selling petroleum products. Their work environment includes exposure to high temperatures, chemicals, and moving machinery. These workers convert crude oil into gasoline, diesel, jet fuel, and petrochemicals, and purifying natural gas into methane, propane, butane, and more.

IMPORTANCE OF HEAD-TO-TOE PPE



PROTECTIVE CLOTHING

Critical, especially in upstream and downstream operations where fire hazards and explosions are prevalent. Often required to meet rigorous safety regulations including NFPA 70E for arc-flash and NFPA 2112-2023 for flame-resistance. Material enhancements are not only improving safety, but also comfort with designs tailored specifically for women, who now represent 15% of the workforce.



EYE/FACE PROTECTION

Essential in all segments to protect from debris, chemicals, and flying particles. Compliance with ANSI standards drives the demand for durable, impact-resistant gear. Popular options include anti-fog technology that beads away moisture, for improved fog prevention when transitioning between warm and cool environments, or when working in a wet conditions.



RESPIRATORY PROTECTION

Crucial in downstream operations, especially during turnarounds, and in upstream during drilling. NIOSH approved respirators include FR rated models, as well as those with high-efficiency P100 filters, offering 99.97% or greater efficiency against oil and non-oil based particulate aerosols.



HEAD PROTECTION

Hard hats are mandatory across all sectors, with a growing demand being seen for ANSI Z89.1 approved safety helmets, that offer personalized protection from falling objects and head injuries, as well as factory-installed chin straps that ensure the helmet remains secured to the user's head in the event of a slip, trip, or fall.



HAND PROTECTION

Hand injuries are among the most common in oil and gas operations, with up to 30% of injuries attributed to improper fit or wearing the wrong type of glove for the hazard. Heavy-duty and chemical-resistant gloves are often required, featuring advanced materials that typically provide ANSI Cut A5 protection and a minimum ANSI 138 Level 2 impact protection, where necessary.



HEAT/COLD STRESS

Critical protection for workers due to the physically demanding nature of their work and the extreme environmental conditions they often face. Heat and cold stress can lead to severe medical conditions, impair cognitive function, and decrease physical performance, increasing the risk of accidents.



HEARING PROTECTION

Widely used, especially in environments with heavy machinery. Regulations around noise exposure have also increased the importance of hearing protection. New sustainable options include BioSoft™ ear plugs made from bio-based technologies, that not only reduce emissions during manufacturing, but decompose up to 76% at end of use.





UPSTREAM

DRILLER

Drillers, often known as drilling or rig operators, are responsible for the operation and maintenance of drilling equipment used to extract oil and gas from the ground.

TOP HAZARDS



HAZARDOUS MATERIALS



FIRE AND EXPLOSIONS



HIGH NOISE LEVELS



HEAVY MACHINERY



DOWNLOAD FLYER

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

Kilimanjaro™ Type II Full Brim Safety Helmet
with 4-pt Dyna-Clic™ Chinstrap

280-HP642R-CH

KILIMANJARO™ FULL BRIM WITH PRE-INSTALLED DYNA-CLIC™ MAGNETIC CHIN STRAP

Ideal when ANSI Type II safety helmets
are required, but workers are looking for
a traditional full brim design.

ANSI
Z87.1+



EYE PROTECTION

Recon™ Rimless Safety Glasses, Clear,
Anti-Scratch / FogLess® 3Sixty™ Coating

250-32-0520



P100



RESPIRATORY PROTECTION

Force Typhoon™8 Half-Mask Respirator

272-RPRF8820

With P100 Pancake Filter

272-RPRF1104

27
NRR



HEARING PROTECTION

V3™ Full Brim Mounted Passive Ear Muffs
with Visor Accessory Slot

263-V3FB

ANSI CUT
A2

ANSI/ISEA I38
2



HAND PROTECTION

Boss® Green Corded Cotton Palm
Cut Level A2, TPR Impact Level 2

120-MP2100

FR

2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Dual Certified Economy
Coverall with Zipper — 9 Cal/cm²

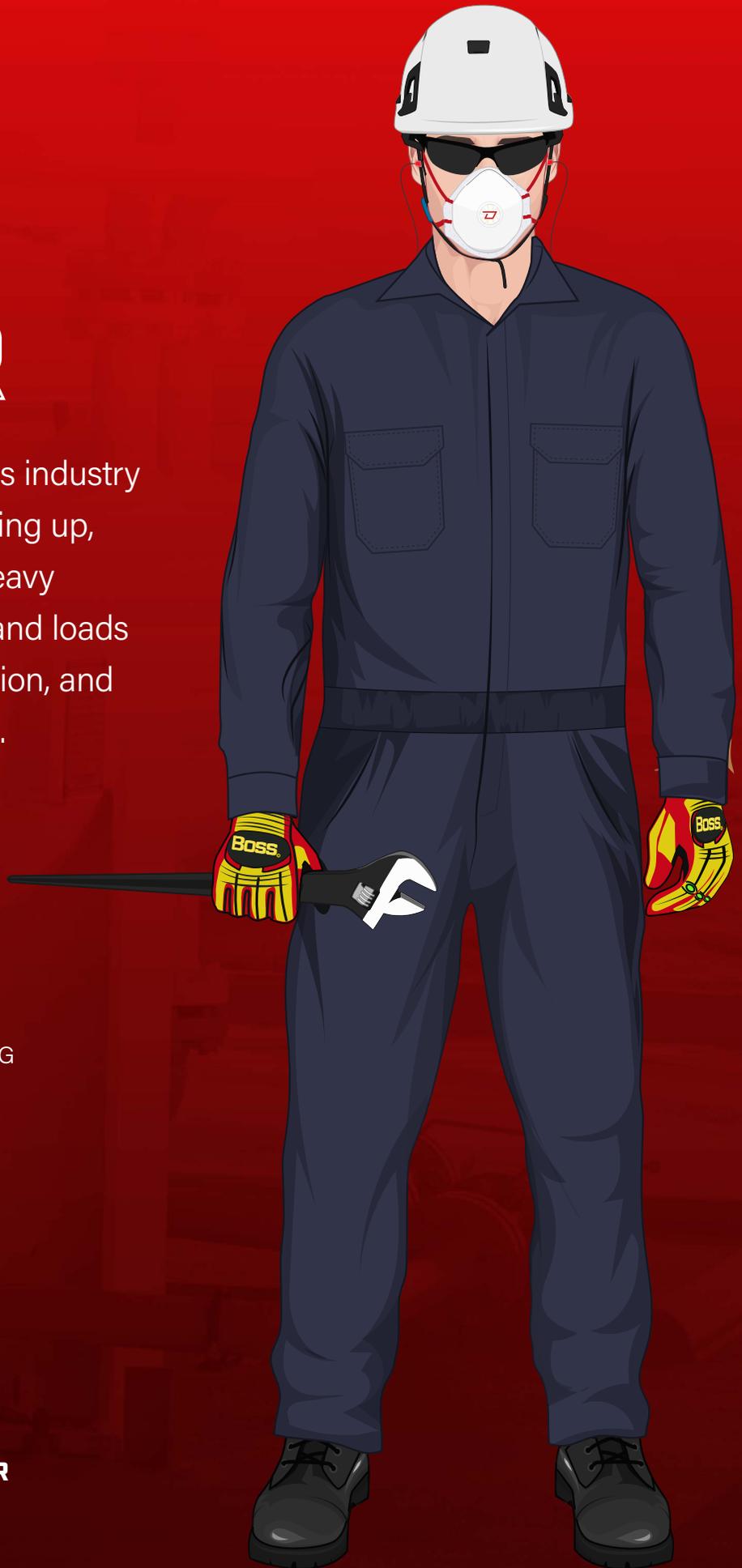
9100-2000E



UPSTREAM

RIGGER

Riggers in the oil and gas industry play a critical role in setting up, securing, and moving heavy machinery, equipment, and loads during drilling, construction, and maintenance operations.



TOP HAZARDS



FALLING LOADS



PINCHING AND CRUSHING
HAND INJURIES



HIGH NOISE LEVELS



HEAVY MACHINERY



DOWNLOAD FLYER

Rigger HEAD-TO-TOE PROTECTION

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

EVO® ALTA™ Ascend™ Type II Climbing-Style Safety Helmet with 4-pt Chinstrap

280-EVOALT

ANSI
Z87.1+



EYE PROTECTION

Recon™ Rimless Safety Glasses, Gray, Anti-Scratch / FogLess® Coating

250-32-0521

33
NRR



HEARING PROTECTION

Mega Flare™ Plus Soft Polyurethane Foam Disposable Corded Ear Plugs

267-HPF910C

N95



RESPIRATORY PROTECTION

Dynamic™ Deluxe N95 Disposable FR Respirator for OV-AG-Ozone

270-RPD714N95OAO

ANSI CUT
A5

ANSI/ISEA 138
2



HAND PROTECTION

Boss® Synthetic Leather Palm Silicone Grip, Cut Level A5, TPR Impact Level 2

120-MP2415



2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Dual Certified Economy Coverall with Zipper — 9 Cal/cm²

9100-2000E

BOSS® DUAL-PALM DRY AND LIGHT OIL GRIP, WITH AN ABRASION-RESISTANT PATCH

Ideal when you need a high performance glove to do it all, including reliable protection against scrapes, scratches, impacts and cuts.



UPSTREAM

GENERAL LABORER

General laborers provide essential support in various capacities. Their responsibilities typically include site prep, material handling, cleaning, and wide-ranging assistance.

TOP HAZARDS



PHYSICAL STRAIN



FALLING OBJECTS



CHEMICAL EXPOSURE



HIGH NOISE LEVELS



WEATHER-RELATED RISKS



DOWNLOAD FLYER



General Laborer HEAD-TO-TOE PROTECTION

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

Kilimanjaro™ Type II Full Brim Safety Helmet
with 4-pt Dyna-Clic™ Chinstrap

280-HP642R-CH

ANSI
Z87.1+



EYE PROTECTION

Zenon Ultra-Lyte™ Rimless Safety Glasses,
Clear, Anti-Scratch / FogLess® Coating

250-14-0520

N95



RESPIRATORY PROTECTION

Dynamic™ Deluxe N95 Disposable
FR Respirator for OV-AG-Ozone

270-RPD714N95OAO

30
NRR



HEARING PROTECTION

EZ-Twist™ Soft Polyurethane Foam
Disposable Corded Ear Plugs

267-HPF610C

**WITH EZ-TWIST™ EAR PLUGS
THERE'S NO NEED TO ROLL,
JUST INSERT AND TWIST**

Ideal in unsanitary work environments,
or where contaminants are present.

ANSI CUT
A4

4
PPE



HAND PROTECTION

Boss® Xtreme AR Top Grain Goatskin Glove
with Oil Armor™ Finish, Cut Level A4

KS993KOA



2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Inherent Ripstop
Long Sleeve Work Shirt – 9 cal/cm²

385-FRRS



2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Inherent Stretch
Work Jeans – 13.1 cal/cm²

385-FRSJ



DOWNSTREAM

MAINTENANCE

Maintenance workers in the mid and downstream sectors perform tasks such as inspection and repairs, to ensure that pipelines, refineries, and facilities operate efficiently and safely.

TOP HAZARDS



FLAMMABLE MATERIALS



CHEMICAL EXPOSURE



HIGH NOISE LEVELS



MECHANICAL HAZARDS



DOWNLOAD FLYER

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

EVO® ALTA™ Ascend™ Type II Climbing-Style Safety Helmet with 4-pt Chinstrap

280-EVOALT

ANSI
Z87.1+



EYE PROTECTION

Fortify™ Rimless Spoggle, Clear, Foam Padding, Anti-Scratch / FogLess® Coating

250-54-0520

29
NRR



HEARING PROTECTION

Sonis® 3 Cap Mounted Passive Ear Muffs with Visor Accessory Slot

262-AEB040-CM



P100



RESPIRATORY PROTECTION

Force Typhoon™8 Half-Mask Respirator

272-RPRF8820

With P100 Pancake Filter

272-RPRF1104

ANSI CUT
A5

ANSI
3
ABRASION



HAND PROTECTION

PIP® Goatskin Leather Drivers with HPPE Blend Lining, Keystone, Cut Level A4

09-LC571

THE FORCE TYPHOON™8 TWIN FILTER HALF MASK RESPIRATOR WITH SILICONE EXHALATION VALVE

Pair it with P100 filters that feature an activated carbon layer, for reliable performance that offers all day comfort and low breathing resistance, even in cold climates.

FR
2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Dual Certified Economy Coverall with Zipper — 9 Cal/cm²

9100-2000E



DOWNSTREAM

OPERATOR

Operators in downstream oil refineries are responsible for ensuring the smooth and safe operation of refining processes. They monitor systems, adjust equipment, and ensure safety compliance.

TOP HAZARDS



FLAMMABLE MATERIALS



CHEMICAL EXPOSURE



HIGH NOISE LEVELS



MECHANICAL HAZARDS



DOWNLOAD FLYER

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

Traverse™ Type II Climbing-Style Safety Helmet with 4-pt Chinstrap, with Mips®

280-HP1491RM

TRAVERSE™ ANSI TYPE II SAFETY HELMET, WITH MIPS® BRAIN PROTECTION SYSTEM

Ideal when requiring integrated helmet accessories for high-risk work environments, along with Mips® to reduce the severity of head injuries.

ANSI
Z87.1+



EYE PROTECTION

Recon™ Rimless Safety Glasses, Clear, Anti-Scratch / FogLess® 3Sixty™ Coating

250-32-0520

26
NRR



HEARING PROTECTION

V3™ Cap Mounted Passive Ear Muffs with Visor Accessory Slot

263-V3CM

N95



RESPIRATORY PROTECTION

Dynamic™ Deluxe N95 Disposable FR Respirator for OV-AG-Ozone

270-RPD714N95OAO

ANSI CUT

A5

ANSI
4

ABRASION



HAND PROTECTION

G-Tek® PolyKor® Seamless 21 Gauge with Nitrile Grip, Touchscreen, Cut Level A5

16-351



2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Inherent Ripstop Long Sleeve Work Shirt - 9 cal/cm²

385-FRRS



2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Inherent Stretch Work Jeans - 13.1 cal/cm²

385-FRSJ



DOWNSTREAM

TURNAROUNDS

Turnaround specialists are brought in to conduct essential maintenance, repairs, upgrades, and calibration to refinery equipment during scheduled shutdowns.



TOP HAZARDS



FLAMMABLE MATERIALS



CHEMICAL EXPOSURE



FALLS FROM HEIGHTS



CONFINED SPACES



MECHANICAL HAZARDS



DOWNLOAD FLYER

ANSI II
Z89.1

Electrical
Class
E



HEAD PROTECTION

Traverse™ Type II Climbing-Style Safety
Helmet with 4-pt Chinstrap, with Mips®

280-HP1491RM

N95



RESPIRATORY PROTECTION

Dynamic™ Deluxe N95 Disposable
FR Respirator for OV-AG-Ozone

270-RPD714N95OAO

26
NRR



HEARING PROTECTION

V3™ Cap Mounted Passive Ear Muffs
with Visor Accessory Slot

263-V3CM

ANSI
Z87.1+



EYE PROTECTION

Fortify™ Rimless Spoggle, Clear, Foam
Padding, Anti-Scratch/FogLess® Coating

250-54-0520



INTERCHANGEABLE
ELASTIC BAND INCLUDED

**FORTIFY™ SPOGGLE
WITH FOAM PADDING
AND INTERCHANGEABLE
TEMPLES / ELASTIC BAND**

Ideal for workers that require anti-fog eyewear
that falls into the middle spectrum between safety
glasses and goggles, offering sealed protection
that's still comfortable to wear.

ANSI CUT
A5

ANSI
3
ABRASION



HAND PROTECTION

PIP® Goatskin Leather Drivers with HPPE
Blend Lining, Keystone, Cut Level A4

09-LC571

FR
2
PPE



PROTECTIVE CLOTHING

PIP® AR/FR Dual Certified Economy
Coverall with Zipper — 9 Cal/cm²

9100-2000E

A woman with long brown hair tied back, wearing an orange high-visibility work shirt with reflective silver stripes and safety glasses, is drinking from a yellow plastic water bottle. She is standing on a construction site with a yellow crane and a building under construction in the background. The scene is brightly lit, suggesting a sunny day.

HEAT STRESS

HEAT STRESS IS AMONGST THE
BIGGEST PROBLEMS AFFECTING
OIL & GAS WORKERS IN HIGH
TEMPERATURES

Heat stress is not only uncomfortable but can result in serious injury or even death in extreme cases. Wearing clothing that is suitable for intense heat can help make all the difference in how a worker feels and performs throughout the day.

//// Heat Stress PROTECTION



313M6491H
Men's



313W6491H
Women's

Bisley® X-Airflow™ Vented Work Shirt

- Lightweight yet durable stretch ripstop fabric wicks moisture away from the skin
- Ventilation panels on side of body, along the back, and underarms for improved breathability
- Stretch perforated reflective tape provides added cooling and allows for better movement



312M6367H
Men's



312W6367H
Women's

Bisley® Performance Vented Work Shirt

- Lightweight yet durable stretch ripstop fabric wicks moisture away from the skin
- Ventilation panels along the back and underarms
- Mic tabs at shoulders for convenience
- Industrial wash durable

AR/FR NON-VENTED VERSIONS ALSO AVAILABLE



EZ-Cool® MAX Cooling Towel

396-EZ900

- Microfiber towel, with storage container
- Naturally absorbs sweat and provides UV protection



THORZT™ Hydration Plus Muscle Recovery

- SSSFBL Blue Lemonade, 50 Packets
- SSSFTR Tropical, 50 Packets
- SSSFOR Orange, 50 Packets

Developed by Olympic athletes, THORZT™ is a scientifically proven mix of cutting-edge vitamins, minerals and amino acids formulated to promote quick hydration and rapid muscle recovery.



THORZT™ Electrolyte Freeze Shots

- ICEMIX Low in Sugar, 10 Tubes
- ICEMIX-SF Sugar-Free, 10 Tubes

With simple snap-and-twist packaging that can be transported anywhere you go, THORZT™ Freeze Shots deliver much needed hydration without hassle nor mess.

MIXED FLAVOR PACK: BLUE LEMONADE, ORANGE, LEMON LIME, TROPICAL, WILD BERRY



COLD STRESS

COLD CLIMATE PROTECTION THAT
KEEPS WORKERS WARM, SAFE AND
PERFORMING AT THEIR BEST

Operations in colder climates or during winter months expose workers to freezing temperatures, leading to risks such as hypothermia, frostbite, and reduced dexterity. In these environments, workers must wear equipment that helps to both regulate body temperature and to remain productive.

THE IDEAL BASE LAYER, PROVIDING EFFECTIVE HEAT AT THE PRESS OF A BUTTON

The Boss® Therm™ heated vest and glove liner are ideal base layers, designed to be worn over shirts and under gloves.



Therm™ Heated Vest

300-HV100

- Utilizes innovative flexible heating panels built into the chest and back
- Three individual temperature settings include low, medium and high range
- Powerful 5-volt rechargeable power bank provides up to 5 hours of heat on the low setting
- Includes a convenient remote

REPLACEMENT PARTS:

- 399-HVBAT 5-Volt Rechargeable Battery Unit
399-HVRE Remote Control Units



Therm™ Heated Glove Liner

300-HG20

- Soft 4-way stretch material conforms to hand without sacrificing dexterity
- Extended cuff prevents drafts or snow from entering the glove
- Low, medium and high temperature ranges
- Includes two USB rechargeable Li-ION Poly batteries that provide up to 2.5 hours of heat on the low setting

REPLACEMENT PARTS:

- 300-HG20 3.7 Volt Battery, Two Pack



Bisley® Men's AR/FR Inherent Dual-Certified Insulated Parka

385M8387H-YN

- ARC Rating: PPE 4
- ATPV 40.0 cal/cm²
- 7oz FR inherent ripstop outer fabric
- 14oz FR modacrylic/cotton insulation
- 1% Antistatic to help inhibit ESD
- Detachable insulated hood
- 2" Silver FR reflective H-tape
- NFPA 70E (ASTM F1506)
- NFPA 2112-2023 standards
- OEKO-TEX® Standard 100



FR Hard Hat Winter Liners

365-1510FR Covers Ears & Neck
365-1520FR Covers Full Face & Neck

- ARC Rating: PPE 2
- EBT 15.0 cal/cm²
- Modacrylic blend rib knit
- Stretches to fit snugly over most hard hat styles
- ASTM F1506-10A
- ASTM F1959/F1959M-14



Air-Activated Hand Warmers

399-HEATPACK

- Ideal size for our headwear and gloves
- Reaches full temperature in 2-5 minutes
- Insert size: 2" x 3.5" (5.1cm x 8.9cm)
- Available in 40 pair display cases (5.6 lbs., 2.5 kg) and 240 pair bulk cases (35 lbs., 15.9 kg)
- Remove from package to activate
- Provides 8+ hours of warmth

WARNING BEACONS



Eflare® 8" Safety & Emergency Beacon

939-AT290-A

- Can be clearly seen over 3/4 mile away without night vision, point fixation and distance judgement problems
- Waterproof (up to 100 ft), dust proof, and will survive a 3-foot drop onto a concrete surface
- Easily attaches to belts, vehicles, traffic cones or signs
- 8 LED - Flashing / steady-on amber functions

FOOT PROTECTION



Boss® 16" Black PVC Steel Toe & Sole Boot

383-820

- PVC provides 100% waterproof protection
- ASTM F2413-18 M/I/75 C/ 75 PR EH certified
- Improved channeling of water for excellent traction on weight-bearing points
- Men's sizes 6-14



Boss® 16" Polyblend Steel Toe & Shank Boot

383-890

- Polyblend compound provides 100% waterproof protection
- Superior resistance to fat, oils and chemicals
- Removable pre-formed insole wicks perspiration to keep feet dry and comfortable
- Men's sizes 6-14

ARM PROTECTION



ATA® Hide-Away™ FR Sleeve

10-SATA/HAFR

- 1-ply and offers ANSI A3 cut protection
- Achieved level 4 flame resistance using ASTM F1358 vertical flame test and can withstand heat up to 640° F (337°C) without supporting a flame
- Lightweight, seamless construction for a soft and comfortable feel
- Hide-Away™ color helps to hide dirt to help keep sleeves looking newer longer
- Good washability, can be washed in soap and water or dry cleaned

10-SATA/HAFR-18 18"

10-SATA/HAFR-18T 18" w/ Thumb Hole



ATA® FR Sleeve with Sta-Cool™ Plating, 10G Width

S10ATAFRCM/4-ES6

- ANSI A4 cut protection and ANSI Level 2 flame resistance (ASTM F1358-08 Vertical Flame Test)
- Sta-Cool™ plating inside the sleeve feels cool against the skin, and helps to wick away moisture for greater wearer comfort
- No-slip elastic at the top of the sleeve helps to keep sleeves in place
- Color-coded overedge indicates width of sleeve for ease in sorting — red indicates narrow, yellow indicates standard and green indicates wide

S10ATAFRCM/4-ES6-18 18"

S10ATAFRCM/4-ES6-22 22"

S10ATAFRCM/4-ES6-18T 18" w/ Thumb Hole

S10ATAFRCM/4-ES6-22T 22" w/ Thumb Hole



ATA® Hide-Away™ FR/Modacrylic Sleeve with No-Slip Band

S10ATAFR/5HA-ES6

- ANSI A5 cut protection and ANSI Level 2 flame resistance (ASTM F1358-08 Vertical Flame Test)
- 10-gauge knit is cool wearing and comfortable
- Color-coded overedge indicates width of sleeve for ease in sorting — red indicates narrow, yellow indicates standard and green indicates wide
- Knit wrist stays in place and is less binding than elastic wrist, offering cut protection from the top to bottom

S10ATAFR/5HA-ES6-18 18"

S10ATAFR/5HA-ES6-22 22"

S10ATAFR/5HA-ES6-18T 18" w/ Thumb Hole

S10ATAFR/5HA-ES6-22T 22" w/ Thumb Hole



For our complete line of safety products
visit www.pipusa.com



PROTECTIVE INDUSTRIAL PRODUCTS, INC.

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