



PIP® Flame Resistant Garments USER INFORMATION GUIDE

This User Information Guide provides advice relating to the use, care, maintenance, and risk reduction of your new Flame Resistant (FR) garment. Potential risks and risk reduction are also discussed to ensure optimal safety while using this item.

IMPORTANT: PLEASE READ CAREFULLY BEFORE WEARING.

IT IS THE WEARER'S RESPONSIBILITY TO HAVE READ, UNDERSTOOD AND COMPLY WITH THE GUIDELINES PROVIDED WITHIN.

1. PRE-USE INFORMATION

This PIP® FR garment is UL certified, meaning it is compliant with NFPA 2112-2023 Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire.

Established in 1896, the National Fire Prevention Association (NFPA) is the leading advocate for fire prevention, and the global source for public safety codes, standards, research, training, education, outreach and advocacy, to minimize the risk and effects of fire. This standard outlines the appropriate performance requirements and testing methods for both FR fabric and FR garments, as well as the proper labeling and quality control requirements for FR manufacturers, that are necessary to be considered compliant with NFPA 2112-2023.



a. Safety Considerations

This PIP® FR garment provides limited protection:

- ✓ during short durations of thermal exposure or flash fires
- ✓ in the event of an electrical arc flash

IMPORTANT: DO NOT USE THIS GARMENT IF IT IS DAMAGED.

b. Limitations of Use

This PIP® FR garment does not provide protection against:

- ✗ any extended exposure to direct flame or high heat
- ✗ fire rescue or intended for emergency operations
- ✗ exposure to radiological agents, biological agents, or hazardous materials



PIP® Flame Resistant Garments USER INFORMATION GUIDE

For maximum protection, flame resistant collars must be worn closed, and sleeves and cuffs must be worn down and secured. Be aware that additional garments or personal protective equipment (PPE) may be required for complete protection.

Do not use this garment if it is soiled, damaged, or contaminated. Ensure that you clean this garment in accordance with the guidelines contained in this document. Please contact customer service if you have any questions.

WARNING: ENSURE YOU ARE TRAINED IN RECOGNIZING THE HAZARDS WITHIN YOUR TRADE. EVEN WHEN USED AS DIRECTED, THIS GARMENT DOES NOT, UNDER ALL CIRCUMSTANCES, OFFER BURN INJURY PROTECTION OR PREVENT EXPOSURE TO HAZARDS. NOT UNDERSTANDING THE LIMITATIONS OF THIS GARMENT MAY RESULT IN A SERIOUS INJURY AND/OR DEATH.

c. *Marking Recommendations and Restrictions*

The application of non-flame or non-heat resistant emblems (patches, embroidery, silkscreens, heat transfers, etc.) to the garment may compromise garment safety and should be avoided where possible. If used, the size should not exceed that of a credit card.

When marking your garment, ensure you:

- ▶ use an industrial laundry marker and mark the inside only
- ▶ do not mark through certification markings
- ▶ do not remove any safety or cleaning labels

d. *Warranty Information*

All PIP FR garments are covered by a limited warranty from date of purchase. Please refer to the PIP Warranty Information laid out in the PIP Printed Price List for further information. You must follow all care requirements for laundering. Garments must be clean and properly maintained and repaired. Garment warranty does not extend to neglect, abuse, normal wear/tear or exposure to substances or hazards for which the garments are not intended.

2. **PREPARATIONS FOR USE**

a. *Sizing / Adjustment*

Size selection should maximize the function of the wearer without impeding upon movement. It should not be tight or loose. Significant alterations to the garment are not permitted as the protective qualities of the garment may be compromised.

THIS SIZING CHART INDICATES THE RANGE OF KEY WEARER MEASUREMENTS THAT ARE ACCOMMODATED BY EACH SPECIFIC SIZE OF GARMENT, SHROUD/HOOD/BALACLAVA, GLOVE OR RAINWEAR. For accurate sizing, refer to the charts below. Garments should not impede upon movement or be too loose or too tight to ensure wearer comfort and safety.



PIP® Flame Resistant Garments USER INFORMATION GUIDE

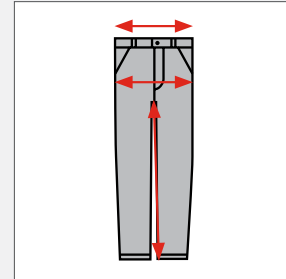
SIZE AND FIT GUIDE

How To Measure

CHEST: Standing naturally, measure around the fullest part of the chest and shoulder, under the arms with your arms at resting position.

WAIST: Measure over undergarments at the natural waistline (usually approx. 0.4in below the navel).

INSEAM: Measure from crotch to floor, with shoes.



Sizing Charts

SHIRTS, OUTERWEAR AND THERMAL TOPS

Recommended Size	SMALL		MEDIUM		LARGE		X-LARGE		2X-LARGE		3X-LARGE		4X-LARGE		5X-LARGE	
Chest	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
Waist	28	30	32	34	36	38	40	43	45	48	51	54	58	62	65	68
Inseam	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64

PANTS AND THERMAL BOTTOMS

Recommended Size	30	32	34	36	38	40	42	44	46	48	50	52	54	58
Waist Measurement (All Bottoms)	29-30	31-32	33-34	35-36	37-38	39-40	41-42	42-44	45-46	47-48	49-50	51-52	53-54	51-61

OVERALLS, COVERALLS, AND BIBS

Recommended Overall Size	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
Recommended Bib Size	SMALL		MEDIUM		LARGE		X-LARGE		2X-LARGE		3X-LARGE		4X-LARGE		5X-LARGE	
CHEST	34	36	38	40	42	44	46	48	50	52	64	56	58	60	62	64
WAIST	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58

If your body measurement is:

You should order this size:

Height	Recommended Length of Garment	Length of Overall Inseam
5'3" to 5'7"	Short	28
5'7" to 5'11"	Regular	30
5'11" to 6'3"	Tall	32

Available in coveralls and bibs.

NOTE: if your chest and/or waist measurement falls between sizes, choose the larger size.

b. Recommended Storage Practices

Garments should be appropriately cleaned before storing in a cool, dry environment and away from direct light.



PIP® Flame Resistant Garments USER INFORMATION GUIDE

3. INSPECTION FREQUENCY AND DETAILS

Conduct visual inspections regularly.

Ensure that all:

- ▶ components are inspected (e.g., buttons, snaps, shanks, zippers, buckles, hook & loop, etc.).
- ▶ garments found to have any of the above indication of damage or other noted defects must be removed and retired from use until repaired or replaced

4. DONNING AND DOFFING PROCEDURES

DONNING - THE ACT OF PUTTING ON A GARMENT

DOFFING - THE ACT OF REMOVING A GARMENT

To wear this garment correctly ensure:

- ▶ Sleeves are rolled down and cuffs closed
- ▶ Front closures are fully engaged, protecting the neck
- ▶ Shirt tails are tucked in

5. PROPER USE CONSISTENT WITH NFPA 2113

For further information, refer to NFPA 2113, Standard on Selection, Care, Use and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire.

6. MAINTENANCE AND CLEANING

Proper care, maintenance, and cleaning is critical to ensuring optimal performance, protection, and life expectancy of your PIP® FR garment. Failure to follow the provided care instructions may defect the properties of the garment and increase the risk for injury, as well as invalidate all warranties expressed here within.

a. *Cleaning Instructions and Precautions*

This garment should be cleaned after every wear according to the instructions on the label. Only synthetic detergents should be used on this FR garment. Do not use bleach, starch, fabric softeners or detergents containing hydrogen peroxide on this garment as they could negatively affect the flame-resistant properties.



To maximize FR protective qualities, the item must be kept clean. Residual elements, especially petroleum-based ones can mask flame resistance. Any heavily soiled garments or if contaminants emit odor indicative of petroleum-based substances - the item needs to be removed from service and cleaned.

b. *Maintenance Criteria and Methods of Repair*

If this garment becomes damaged, it should be repaired by an experienced service provider using fabric and findings equal to that used in the original construction of the garment.

Significant alterations to the garment are not permitted as the protective qualities of the garment may be compromised.

7. RETIREMENT AND DISPOSAL CRITERIA

Garments should be retired when a serious defect is found, such as open seams, broken closures, tears, or other visible damages.

If the garment cannot be correctly repaired or adequately cleaned, it should be removed from service. Dispose of garment properly and in accordance with local regulations.