

NFPA 70E Arc Flash PPE

Category 1

minimum
Arc Rating 4 cal/cm²

NFPA 70E Arc Flash PPE

Category 2

minimum
Arc Rating 8 cal/cm²

NFPA 70E Arc Flash PPE

Category 3

minimum
Arc Rating 25 cal/cm²

NFPA 70E Arc Flash PPE

Category 4

minimum
Arc Rating 40 cal/cm²

Calorie ratings are important when selecting Flame-Resistant garments.

Flame Resistant

- Designed to cover all exposed areas as much as reasonably possible
- Designed to minimally interfere with work activities
- Must be easily removable
- Non-FR logos must be limited in size and space

Enhances the chances of survival in the event of an arc flash - ASTM F1959 defines how long until the wearer gets no more than second degree burns.

Flame-Retardant Treated and Self-Extinguishing

- Treated to reduce flame char length and to self-extinguish flames in a quick manner
- Treatment effectiveness may be reduced, and even diminish with washing and wear
- FR-treated clothing may reignite after extinguishing due to heat retention
- May be effective for small-scale fire hazards
- May still melt or drip in most fire situations

May lessen injuries by reducing the amount of time that clothing burns.

Flame-Resistant vs FR-Treated and Self-Extinguishing

Inherently Flame-Resistant



FrogWear® HV Flame-Resistant High-Visibility Yellow/Green Surveyors Vest

Item: GLO-022FR



Bullhead Safety™ Winter Liners Inherently FR Flame-Resistant 3M™ Thinsulate™ Winter Liner

Item: WL900FR



Bullhead Safety™ Winter Liners Inherently FR Flame-Resistant 3M™ Thinsulate™ Shoulder-Length Winter Liner

Item: WL920FR



Bullhead Safety™ Winter Liners Navy Blue Shoulder-Length Flame-Resistant Thermal Balaclava

Item: WL280FR

Self-Extinguishing

Flame-Resistant vs FR-Treated and Self-Extinguishing



**FrogWear® HV
High-Visibility
Self-Extinguishing
Yellow/Green Rain Bibs**

Sizes: S-5XL
Item: GLO-1700



**FrogWear® HV
High-Visibility
Self-Extinguishing
Yellow/Green
Duster Jacket**

Sizes: M-4XL
Item: GLO-1450



**FrogWear® HV
High-Visibility
Self-Extinguishing
Yellow/Green Rain Jacket**

Sizes: S-5XL
Item: GLO-1400



**FrogWear® HV
Self-Extinguishing
High-Visibility
Short-Sleeved Vest**

Sizes: M-5XL
Item: GLO-011FR

FrogWear™ Premium Self-Extinguishing Coveralls



Sizes: M-5XL
Item: NW-COV800FR

Sizes: S-5XL
Item: NW-COV80FR



**Bullhead Safety™
Winter Liners
Self-Extinguishing
Shoulder-Length
Insulated
Winter Liner**

Item: WL770FR



**FrogWear™ Knee Protection Self-Extinguishing
Premium Ergonomic Knee Pads**

Item: KP201JFR



**Bullhead Safety™
Winter Liners Black,
Shoulder-Length,
Self-Extinguishing,
Multifunctional, Hinged
Thermal Balaclava**

Item: WL320SE