

Flame-resistant (FR) Clothing

What is Flame-resistant (FR) clothing?

The property of a material whereby combustion is prevented, terminated, or inhibited following the application of a flaming or non-flaming source of ignition, with or without subsequent removal of the ignition source.

These materials can ignite but will not continue to burn after the ignition source is removed. FR rated fabrics can reduce burn injuries during an arc flash exposure by providing a thermal barrier between the arc flash and the wearer.

Importance of FR Clothing

FR Clothing protects the wearer by:

- Self-extinguishing or resisting ignition
- Does not melt onto skin
- Provides thermal insulation from heat
- Resists breaking open and exposing skin
- Reduces burn injury and increases chance of survival

Spark Power Corp POL-1.10 Personal Protective Equipment

“...FRC (flame-resistant clothing) will be worn when working on or near energized lines, in posted areas or when engaged in certain work activities where it is specified by the safe work practices. FRC will also be worn where it is a requirement on work sites not owned or controlled by Spark Power Corp”

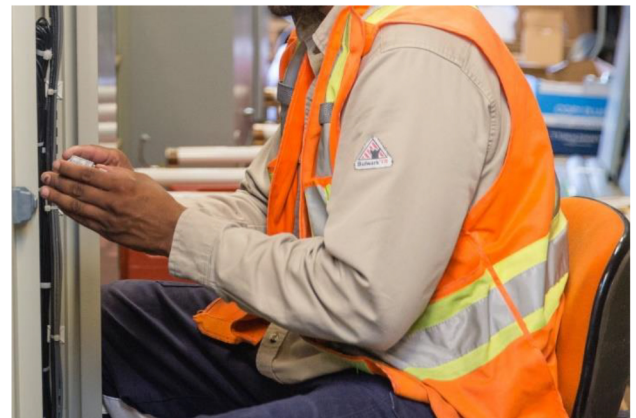
“...Workers must wear **long sleeved** shirts at all times. This is to protect the worker from any abrasions to or contaminants contacting the skin directly...Where the worker is near any energized or previously energized the outer clothing must be Fire Retardant clothing.”

CSA Z462 Workplace Electrical Safety

This standard provides guidance regarding the selection of personal protective equipment for workers exposed to hazards associated with energized electrical equipment.

The CSA Z462 standard states that clothing and other apparel used in potential arc flash exposures are to be made of materials such as flame-retardant treated cotton.

Correct Use of PPE



Incorrect Use of PPE



DO NOT ROLL UP YOUR SLEEVES AS IT EXPOSES YOU TO POTENTIAL RISK OF INJURY.