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[T1]

**Limited Flammability** – Items that are considered as having “limited flammability” have been tested using test method ASTM D-6413 to observe the materials reaction to open flame. This is not a standard. **These materials may melt and/or burn** when in contact with flame, but will self-extinguish within a matter of seconds once the source of the flame is removed. By self-extinguishing, these materials will help reduce the potential of further burn injury as compared to other rainwear that is not treated or considered to have “limited flammability”.

Limited Flammability items **should not** be used as protection from Flash Fire or Electric Arc.

### **Choose the proper garment for your application**

#### **Standards for FR clothing**

**ASTM F1506**- Electrical Workers exposed to Momentary Electric Arc and Related thermal Hazards

**ASTM F1891**- Arc and Flame Resistant Rainwear by workers who may be exposed to thermal hazards of momentary electric arcs and open flames. It does not however apply to electrical contact hazards or electric shock hazards involved with electric arcs nor to flash fire hazards such as industrial hydrocarbon flash fires or other petrochemical flash fire hazards.

**ASTM F2302**- This specification provides minimum requirements for labeling protective clothing as heat and flame resistant for applications where the potential for flame contact or high heat exposure exist

**ASTMF2733**- Performance criteria for flame resistance rainwear used by workers with the potential to be simultaneously exposed to wet weather conditions and either hydrocarbon or petrochemical industrial fires. It does not apply to rainwear used for thermal electric arc flash hazards

**NFPA 1977** – Requirements for protective clothing and equipment to protect against the adverse environmental effects encountered by personnel performing wildland fire fighting operations.

**NFPA 2112**- Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire and developed to apply to garments used in areas that can be exposed to flash fires.

This information is provided as a guide only and is not to be considered a warranty of product performance. Due to the diverse field conditions and other variables which can affect any garment’s resistance, MCR Safety disclaims all warranties (expressed and implied) as to product performance. Sample products are available, upon request to permit customers to determine whether a given product meets their requirements for intended applications .

**MEMPHIS CREWS RIVER CITY**