



FR/AR Rated Clothing Week of 06/14/26 – 06/20/26

Flame resistant (FR) and Arc rated (AR) clothing are essential for keeping workers safe around fire or electrical hazards. While there are a lot of fire-resistant clothing and PPE items out there, it is important to understand what qualifies an item to be **FR/AR** rated, and which type is necessary for your situation. **FR** clothing is made to resist melting and dripping when in contact with flames or extreme heat and is typically made with inherently flame-resistant materials or treated to resist flammability. **AR** clothing is used specifically to protect from burn injuries from arc flashes. For an article to be considered **FR**, it must self-extinguish in 2 seconds or less after being exposed to a flame. This is often determined by a vertical flame test, where the **FR** item is positioned vertically above a controlled flame for a certain amount of time and once the flame is removed, the article should extinguish on its own.

Best Practices for Arc Exposures and Use of FR/AR rated Clothing

- Try to eliminate any potential arc-related injuries. When workers can be exposed to electrical arcs, the first effort should be to eliminate the exposure through engineering design. If eliminating all arc-related exposures is not possible, try to limit the extent of such exposures through administrative controls, including work practices (for example, reducing the available fault current or using work techniques that will put more distance between the worker and the point of the potential arc).



- Grease, oil, solvents, or other flammable substances. **FR/AR** rated clothing that becomes contaminated with grease, oil, solvents, or other flammable substances should not be used because such contamination greatly reduces the effectiveness of the clothing material. As with any PPE that becomes damaged, damaged **FR/AR** rated clothing must be replaced before resuming work that requires its use. Contaminated **FR/AR** rated clothing must be thoroughly cleaned, if possible, or replaced.

- Brieser will always have **FR/AR** rated coveralls for use at the shop or at most sites that require.

- Damaged FR/AR rated clothing. **FR/AR** rated clothing must be cared for as instructed by the manufacturer. Clothing that is damaged (for example, torn) often requires special repair techniques. For example, using common nylon thread may reduce the value of the clothing's **FR** protection.
 - If a Brieser supplied coverall was given simply replace it as soon as possible. If your personally owned **FR/AR** rated clothing has rips or tears please replace it with a Brieser coverall and have that article of clothing repaired or replaced as soon as possible.





SAFETY MEETING SIGN-IN

Date _____ Topic _____ FR/AR Rated Clothing _____
 Location _____
 Trainer _____
 Start Time _____ End Time _____

Print Name	Signature	Print Name	Signature

Signature of Trainer: _____

SCAN	SAFETY/TOOLBOX TALKS/TRAINING/MMDDYY TRAINING CERTIFICATION
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