

Protective Clothing Needed to Meet Hazard Risk Categories

Clothing Description ⁸ (number of layers in parenthesis)			
1	1. FR shirt ⁶ and denim or FR pants ⁵ . 2. FR coverall (1). Leather gloves as needed ² .	4	Hardhat, safety glasses.
2	1. Cotton underwear plus FR shirt ⁶ and FR pant ⁴ . 2. FR coverall (1-2). Leather gloves ² .	8	Hardhat, safety glasses or goggles and 8 cal faceshield ³ .
3	Cotton underwear plus FR shirt ⁶ and FR pants, plus FR coverall (2-3). Leather gloves ² .	25	Hardhat, safety glasses or goggles, 8 cal faceshield ³ , hearing protection, 30 cal or greater hood.
4	Cotton underwear plus FR shirt ⁶ and FR pants plus FR coverall (3-4). Leather gloves ² .	40	Hardhat, safety glasses or goggles, 8 cal faceshield ³ , hearing protection, 30 cal or greater hood,

Safety Shoes¹

1. Shoes must meet the requirements specified in the ATC *PPE & FR Clothing* Procedure.
2. If voltage-rated gloves are worn, external leather protectors will satisfy this requirement.
3. Face shield must be wrap-around type, or must be supplemented by an FR hood.
4. If the FR pants, such as the pants provided on the ATC FR website, are rated at 8 cal or above, the cotton underwear are not required for level 2.
5. Cotton denim jeans of at least medium weight (4.5 oz/yd) will meet ATC requirements for minimum protective clothing for level 1 . However arc flash ratings should not be assumed for garments that are not labeled "FR".
6. When layering FR clothing to meet HRC level requirements, the lab coat on the ATC website may be considered an FR shirt.
7. HRC (Hazard Risk Category) is assigned by NFPA 70E.
8. These are references to the specific garments and equipment on the ATC FR website. Substitutes must be equivalent in quality and FR rating.



Current as of 1.5.09

