

## Protective Clothing and Personal Protective (PPE) Matrix

Protective Clothing and Equipment	Protective System for Hazard / Risk Category					
Hazard / Risk Category Number	(-1) Note 3	0	1	2	3	4
<b>Untreated Natural Fiber</b>	-	-	-	-	-	-
T-shirt (short sleeve)	X			X	X	X
Shirt (long sleeve)		X				
Pants (long)	X	X	X (Note 6)	X (Note 6)	X	X
<b>FR Clothing (Note 1)</b>	-	-	-	-	-	-
Long sleeve shirt			X	X	X (Note 9)	X
Pants			X (Note 4)	X (Note 6)	X (Note 9)	X
Coverall			(Note 5)	(Note 7)	X (Note 9)	(Note 5)
Jacket, Parka, or Rainwear			AN	AN	AN	AN
<b>FR Protective Equipment</b>	-	-	-	-	-	-
Flash suit jacket (2-layer)						X
Flash suit pants (2-layer)						X
<u>Head protection</u>	-	-	-	-	-	-
Hard hat			X	X	X	X
FR hard hat liner					X	X
<u>Eye Protection</u>	-	-	-	-	-	-
Safety glasses	X	X	X	AL	AL	AL
Safety goggles				AL	AL	AL
Double layered switching hood				AR (Note 8)	X	X
Hearing protection				AR (Note 8)	X	X
Leather gloves			AN	X	X	X
Leather work shoes			AN	X	X	X

### Legend:

AN=As Needed

AL=Select one in group

AR=As Required

X=Minimum required

### Notes:

1. See table 3-3.9.3 in NFPA 70E for values (ATPV) of FR garment protection
2. If V-rated gloves are required, the leather protectors satisfy this requirement
3. Class (-1) is only defined if determined by notes 3 or 6 of table 3-3.9.1
4. Regular weight, untreated, cotton blue jeans are acceptable in lieu of FR pants
5. Alternate is to use FR coveralls instead of FR shirt and FR pants
6. If the FR pants have a minimum ATPV of 8, long pants of untreated natural fiber are not required beneath the FR pants
7. Alternate is to use FR coveralls over untreated natural fiber pants and T-shirt
8. A double layered switching hood and hearing protection are required for tasks designated as 2\* in table 3-3.9.1
9. Alternate is to use two sets of FR coveralls over untreated natural fiber clothing, instead of FR coveralls over FR shirt and FR pants over natural fiber clothing