

Features:

Fabric: Flame Retardant Fabric

Standard: EN ISO 11611:2015

EN ISO 11612:2015

EN 1149-3

GSM: 200-220+-

Concealed stud Fastening

Generous fit for layering

IEC 61482-2:2009 Class 1 -Protection against thermal effects of electric arc event

fabric comes with rigid structure, higher color fastening and flame-retardant protection properties and retains them even when exposed to maximum UV light and are perfectly suitable for work environments

- FR Metal zipper
- 1" Wide reflective strips on shoulder.
- 1" wide double reflective on arms, legs
- Two chest pockets with snap buttons
- Pen pocket on the sleeve
- Elastic waist band
- Two side pockets
- Two back pockets
- One Tool Pocket

Limited flame spread, Protection Against Convective heat & Contact heat 3 level

PRODUCT NAME:

Penta Safety - PYRO FAB

FR COVERALL

Product Code: PM-PSPF1001

COLORS: ROYAL BLUE , RED , CUSTOM COLOR UPON REQUEST : ORANGE, YELLOW, N.BLUE



SIZE: SMALL TO 5XL

storage : store in a cool, dry place. Do not store in direct/strong sunlight



Testing as per International Standard: ISO 11612: 2015

Clause No. 6: General Safety Requirements

5.2.1: Heat Resistance (at 180°C) : as per ISO 17493

Clause No. 7: Heat transmission performance Requirements

7.2: Convective Heat (Code B) - as per ISO 9151

7.3: Radiant Heat (Code C) - as per ISO 6942

Pretreatment: Prior to all tests, five wash/dry cycles according to ISO 6330:2000 Procedure 6N (60°C) with tumble drying was carried out.

Clause No.	Test Parameter	Unit	Test Results	Performance level achieved	Requirement as per ISO 11612 :2015
6.2.1	Heat Resistance at 180°C for 5 Min (After 5 wash	%	Warp= 0.44 Weft= -0.22 No melting, No dripping, No charring observed	Pass	5%
6.3	Limited Flame Spread, Procedure A (As such)		No Top or either edge flaming No hole Formation No flaming of Molten Debris No after glow No after flame	Pass	A1
	Limited Flame Spread, Procedure A (After Pretreatment)		No Top or either edge flaming No hole Formation No flaming of Molten Debris No after glow No after flame	Pass	A1
	Limited Flame Spread, Procedure B (As such		No Top or either edge flaming No flaming of Molten Debris No after glow No after flame Char Length: warp :6.3 cm Weft :6.8 cm	Pass	A2
	Limited Flame Spread, Procedure B (After Wash		No Top or either edge flaming No flaming of Molten Debris No after glow No after flame Char Length: warp :6.9 cm Weft :7.4 cm	Pass	A2

Clause No.	Test Parameter	Unit	Test Results		Performance level achieved	Requirement as per ISO 11612 :2015	
7.2	Convective Heat HTI (24)	Sec	Sr. No	HTI (24)	Pass B1	Level	HTI
			1	4.4		B1	4 - 9
			2	4.5		B2	10 - 20
			3	4.4		B3	≥ 20
			Lower Result	4.4			
7.3	Radiant Heat RHTI(24)	Sec	Specimen	RHTI 24	Pass C1	Level	RHTI24
			1	14.9		C1	7 - 19
			2	15.4		C2	20 - 49
			3	15.1		C3	50 - 94
			Lower Result	14.9		C4	> 94