

RSG Arc Flash Protective Workwear

101202



Product Code	101202
Product description	Chemical and flame retardant coverall
Material	Proprietary FR treated needlepunched nonwoven fabric coated with an FR PVC film. 330gsm.
Standard Style	Coverall with hood
Seam Type	Stitched and taped seams with double zip and flap
Colour	Orange



CE Standards	Description	Approved
EN 340: 2002	Protective Clothing: General Requirements	Yes
EN ISO 11612: 2008	Protective clothing - clothing to protect against heat and flame	Yes
EN ISO 11611: 2007	Protective clothing for use in welding and allied processes	A1 & A2
EN 61482-1-2/ ASTM F1959M-06a	Arc Protection	Yes
EN 1149-5: 2008	Anti-static requirements (Surface Resistance)	Yes
EN 14605: 2004	Type 3 & 4: protection against splashes and sprays of liquid chemicals	Yes

Physical Properties

EN Standard	Description	Units	Result	EN Class
EN 13934	Tensile Strength	N	74.2/79.3	Class 2
EN 530	Abrasion Resistance	Cycles	500	Class 2
ISO 863	Puncture Resistance	N	15	Class 2
ISO 2960	Burst Strength	kPa	90	Class 2
ISO 7854	Flex Cracking	Cycles		Class 4
ISO 9073	Trapezoidal tear md/cd	N	65.2/63.2	Class 4
ISO 9073	Trapezoidal tear-mean	N	64.2	Class 4
ISO 5082	Seam Strength	N	347	Class 5

Physical Properties

Test No	Description	Units	Result	EN Class
EN 13934	Tensile Strength	N	74.2/79.3	2
EN 530	Abrasion Resistance	Cycles	500	2
EN 863	Puncture Resistance	N	15	2
ISO 2960	Bursting Strength	KN/M ²	90	2
ISO 7854	Flex Cracking Resistance	Cycles	>15k	4
ISO 9073	Trapezoidal Tear Strength md/cd	N	65.2/63.2	4
ISO 9073	Trapezoidal Tear Mean	N	64.2	4
ISO 5082	Seam Strength	N	347	5

Liquid Chemical Repellency and Permeasion

Test No.	Description	Chemical	Repellency %	Penetration %
EN 368	Chemical Repellency	Sulphuric Acid 30%	Class 3	Class 3
	(For Type 6 garments)	Sodium Hydroxide 10%	Class 3	Class 3
		o-Xylene	Class 3	Class 3
		Butan 1-ol	Class 3	Class 3

