



Arc[®] 43 Styles AR43-HD-TSP18 AR43-SC-TSP18 AR43-BO-TSP18 81cm coat with stand up colla Bib and brace pants set with Hood with arc rated removable tinted sealed visor (40 cals/cm²) adjustable plastic buckles, teardrop raglan sleeves -hook and loop fastening. No metal fastenings. Size: S - XXXL with hook and loop fastening. Size: One size style swing pockets, leg openings with velcro adjustments.No metal fastenings. Size: S - XXXL AR43-G-TSP18 AR43-C-TSP18 AR26 ARBAG 43 cal Arc Flash protection Gloves - 40cm length for Carry case for easy Boot covers Size: S - XXXL full coverage long coat/robe transport and storage Size: One size

Triple layer of high-spec superior, cellulosebased flame and heat protective fabric for high level Arc Flash heat protection.

- 3-layer fabric provides an Arc Thermal Protective Value of up to 43 cal/cm² *
- 3 layers of 240gsm European-made fabric: 48% modacrylic / 37% cellulosic / 15% para-aramid... 720gsm total weight
- Full suit consists of hood with arc visor, jacket, bib & brace pants with braces, gloves and boots
- Carry / storage case included
- Hood features 40 cal-rated arc visor, sealed with hook and loop fastening and hanging loop
- 81cm jacket features raglan sleeves for superior fit and freedom of movement
- Bib & Brace pants with swing pockets
- Hook and loop fastenings used throughout
- Seams are five needle safety stitch with FR/Aramid thread

* Note: Results for fabric: visor offers 40 cal/cm²

Flame, Heat and Arc Thermal Protective Performance					
	Property	EN Standard	Result	CE Class	
EN 11612	Flame Spread - Face Ignition	ISO 15020-2000	A1	-	
	Heat Resistance	ISO 17492	Pass	Pass	
	Convective Heat	ISO 9151:1995	5.2 sec	B1	
	Radiant Heat	ISO 6942:2002	12.2 sec	C1	
	Dimensional Change md/cd	ISO 5077:2000	-3% / -2.5%	Pass	
EN 161482	Arc Protection - Box Method	EN 61482-1-2	7 Ka	2	
	Arc Protection - ATPV	EN 61482-1-2	42 cal/cm ²	2	
	Arc Protection - HRC	NFPA 70E	HRC 4	-	

Physical Properties					
Property	EN Standard	Result	CE Class		
Tensile Strength (N) - md	EN 13934-1:2013	970	Pass		
Tensile Strength (N) - cd	EN 13934-1:2013	630	Pass		
Trapeziodal Tear - md	ISO 13937-2	29	Pass		
Trapeziodal Tear - cd	ISO 13937-2	26	Pass		
Seam Strength (N)	EN 13935	355	Pass		
Note: the above strength properties relate to testing on ONE layer of the ARC $^{\otimes}$ 43 fabric only. The garment consists of an assembly of THREE layers of the fabric.					

Understanding Arc Flash Protection



