

ARC 53

Double layer of high-spec, superior, cellulose-based flame and heat protective fabric for high level Arc Flash heat protection.

- 2-layer fabric provides an Arc Thermal Protective Value of up to 53 cal/cm².
- Out layer: TSP7plus, 220gsm FR fabric 48% Tencel/ 40% Modacrylic / 12% Para-Aramid.
- Inner layer: Q8, 275gsm Meta-Aramid/FR Royon batt quilted to a Meta-Aramid/FR Modacrylic plain weave facecloths.
- Full suit consists of hood with arc visor, jacket, bib & brace pants with braces, gloves and boots.
- Carry / storage case included.
- Hood features 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 Flame, Heat and Arc Thermal Protective Performance.

5 needle safety stitch seam



Flame, Heat and Arc Thermal Protective Performance				
	Property	Standard	Result	
Out layer	Flame Resistance	ASTF M6413	Char length	87mm
			After flame	0 sec
	Heat Resistance	ASTM F1506	Pass	
	Breaking Strength	ASTM D5034	750N/411N	
	Color fastness to washing	ASTM F1506	4-5	
	Dimensional Change md/cd	ISO 5077-2000	-1%/-1%	
Inner layer	Flame Resistance	ASTF M6413	Char length	1 inch
			After flame	0 sec
	Heat Resistance	NFPA1971	Pass	
	Arc Protection - ATPV	NFPA 70E	53cal/cm²	
	Arc Protection - HRC	NFPA 70E	HRC 4	

Component parts

					
AR53-HD	AR53-SC	AR53-BO	AR53-G	AR53-C	AR-B