

ZETEL® ArcSafe

Elliotts ZETEL® ArcSafe is a flame retardant three layer heavy duty durable, breathable, waterproof and windproof fabric.

ZETEL® ArcSafe also offers electric arc flash protection and has a HRC2 Rating. (ATPV 8.9) Garments made from ZETEL® ArcSafe are all seam sealed ensuring you stay dry in wet conditions.

Technical Data			
Outer fabric	300D Oxford 100% Polyester		
Coating	Breathable flame retarded PU coating		
Lining	105gsm modacrylic/cotton knit fabric (60/40)		
Test	Methods	Unit	Result
Width	AS-2001.2.12	mm	1500
Mass	AS-2001.2.13	gm/m2	272
Wing rip tear	AS-2001.2.10	N	
Warp			>20
Weft			>20
Water repellency	AS-2001.2.16	%	100
Before washing			
Breathability	ASTM E-96-BW	g/m2/day	3500
Static waterhead	JIS L1092:1998-6.1 (a)	kpa	>100
After washing			
Breathability	ASTM E-96-BW	g/m2/day	4300
Static waterhead	JIS L1092:1998-6.1 (a)	kpa	>100
Chromaticity Luminance	AS/NZS 1906.4:1997 High Daytime Visibility (Class F) illumination D 65/10, Diffuse 8°	Colour space Co-ordinates >0.40	Red Orange. X: 0.588 Y: 0.364 Complies Y: 0.45 Complies
ARC Thermal Performance Value (ATPV)	ASTM F 1959 NFPA 70 E	Cal/cm2 Hazard Risk Category	8.9 HRC2

Kinectrics Test Reports available on request.

ZETEL® ArcSafe

Flame Resistance	EN533:1997 / EN532:1994						
	Length wise			Width wise			Average
Specimen	1	2	3	1	2	3	
After flame (seconds)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
After glow (seconds)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
The lowest boundary of any flame reach the upper edge or either vertical edge	N	N	N	N	N	N	/
Flaming or molten debris	N	N	N	N	N	N	/
Hole	N	N	N	N	N	N	/
After glow spread from the carbonised area to the undamaged area after the cessation of flaming	N	N	N	N	N	N	
Result	Passed all 3 indexes						

