

ZETEL® ArcSafe GR

Elliotts ZETEL® ArcSafe GR is a three layer, flame retardant, anti- static, durable, breathable, waterproof and windproof fabric. ZETEL® ArcSafe GR offers electric arc flash protection of HRC2 (ATPV 8) and incorporates core conducting trilobial yarns which offer superior anti-static performance and durability. ZETEL® ArcSafe GR conforms to the requirements of EN1149-3:2004 - Protective clothing electrostatic properties-surface resistivity.

- **Outer Fabric:** 300D Oxford polyester incorporating a flame retardant PU Coating and core conducting anti-static carbon grid matrix.
- **Membrane:** Waterproof, breathable PU Lining Fabric: 105gsm modacrylic/cotton knit (60/40).

Test	Methods	Unit	Requirements	Result
Breathability	ASTM E96 BW	g/m ² /24hours		4300
Water repellency	AS-2001.2.16	%	>90	100
ARC Thermal Performance Value (ATPV)	ASTM F 1959 NFPA 70E	Cal/cm ² /hazard risk cat		8.9 HRC2
Flame resistance	EN533:1997 EN532:1994	FR index testing FR index testing		Pass Pass

ZETEL® ZX Anti-Static

Elliotts ZETEL® ZX is a two layer, flame retardant, anti-static durable, breathable, waterproof and windproof fabric. ZETEL® ZX incorporates core conducting trilobial yarns which offer superior anti-static performance and durability. and conforms to the requirements of EN 1149-3:2004 Protective clothing electrostatic properties-surface resistivity.

- **Outer Fabric:** 300D Oxford polyester incorporating a flame retardant PU Coating and core conducting anti-static carbon grid matrix.
- **Membrane:** Waterproof, breathable PU.

Test	Methods	Unit	Requirements	Result
Breathability	ASTM E96 BW	g/m ² /24hours		4300
Water repellency	AS-2001.2.16	%	>90	100
Burning behaviour (ease of ignition)	AS-2755.1	Cal/cm ² /hazard risk cat	Warp: No ignition-20sec Weft: No ignition-20sec	No ignition No ignition
Shielding factor	PREN-1149.3	Sec	>0.2	0.80
Charge decay time	PREN-1149.3	Half decay time t50sec	<4.0	<0.01

ZETEL® XT X49

Elliotts ZETEL® XT is a two layer, durable, breathable, waterproof and windproof fabric.

- **Outer Fabric:** 300D Oxford polyester.
- **Membrane:** Waterproof, breathable PU.

Test	Methods	Unit	Requirements	Result
Breathability	ASTM E96 BW	g/m ² /24hours		5000
Water repellency	AS-2001.2.16	%	>90	100
Static waterhead	AS-2001.2.17	kpa	>100	200
Luminance	EN-471:2003	%	>70	100