

AvGuard™ Conductor Cover



AvGuard Conductor Cover provides insulation and coverage for high risk fire locations

AvGuard self-extinguishing elastomer covers help protect wildlife from electrocution, as well as reduce damage to grid infrastructure and surrounding areas.

AvGuard reduces multiple risks:

- Possible sparks that can start fires
- Electrocution of birds and small animals
- Trees touching hot lines



AvGuard features:

- Withstands 40 kV
- Cover live lines and splices up to 1" dia.
- Outstanding UV characteristics
- Replaces flammable plastic covers
- Installs with hot stick or by hand

AvGuard comes in 8 foot lengths, 10 to a box, and can be cut with a knife. Minimum order is one box (pn LSG-8). Only complete boxes can be ordered.

Surface Resistivity, Volume Resistivity, and Dielectric Strength of Elastron V601.A70.B

Product Description

A soft, black copper stabilized halogen free flame retardant (HFFR) thermoplastic vulcanizate, TPV (EPDM/PP) with superior UV — Ozone resistance

Volume resistivity test was performed according to ASTM D257. Dielectric strength was performed according to ASTM D149.

General Properties

Color	Black	
Certifications	RoHS	
Processing Method	Injection	Extrusion
Available Standards	ASTM	

Physical Properties

Property	Unit	Standard	Value
Hardness	SHORE A	ASTM D 2240	70
Density	g/cm ³	ASTM D 792	1.12
Tensile Strength at Break	MPa	ASTM D 412	4.50
Mod.of Elasticity %100	MPa	ASTM D 412	2.40
Mod.of Elasticity %300	MPa	ASTM D 412	3.30
Elongation at break	%	ASTM D 412	500
Compression Set	% @ 23°C 22 h	ASTM D 395	21
	% @ 70°C 22 h	ASTM D 395	43
	% @ 23°C 22 h	ASTM D 395	62
Abrasion	mm ³	ASTM D 1630	
Flammability Rating	HB, V ₀ , V ₁ , V ₂	UL 94	V0
Tear Resistance	N/mm	ASTM D 624	29

Aging Tests

Ozone Resistance	Stressed	ASTM D 1149	No Cracks
Bondable to	PP, EVA, PE		