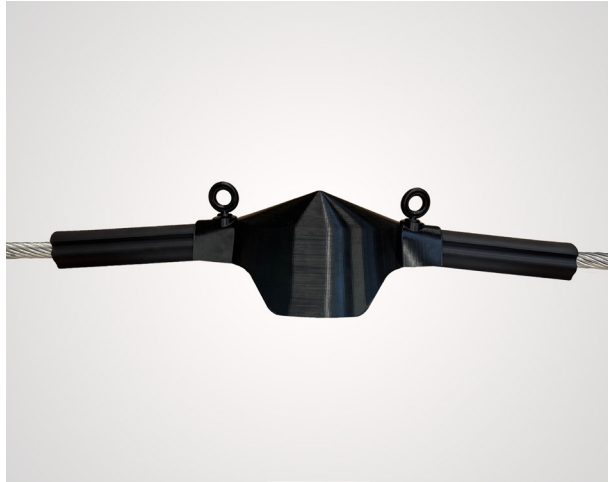


## AvGuard™ Conductor Cover



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 <sup>3</sup>	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 <sup>3</sup>	ASTM D 1630	
Flammability Rating	HB, V <sub>0</sub> , V <sub>1</sub> , V <sub>2</sub>	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		