



### SILVER ALUMINUM FILLED SILICONE ELASTOMER

EcE116 is a Silver-coated Aluminum filled silicone elastomer that meets the MIL-DTL 83528 Type B specifications. This material can be Molded, Extruded, or formed into sheets and then Die Cut. See our catalog for standard shapes that might be available to test, or provide information about your needs for a custom profile.

#### FEATURES

- Utilizes both conductive and non-conductive materials
- Provides stronger environmental shielding to the outside of gaskets due to pure silicone
- Retains strong EMI protection
- Cost-effective solution
- Able to extrude in various sizes and profiles

#### MARKETS

- DataCom
- Military
- Medical

SPECIFICATIONS	TARGET SPECIFICATION
Color	Tan
Elastomer	Silicone
Filler	Silver Aluminum
Hardness	65 ± 7 Shore A
Volume Resistivity	0.008 ohm-cm, maximum
Density	2.0 ± 0.25 g/cm <sup>3</sup>
Tensile Strength	200 psi, minimum
Elongation	100%-300%
100%-300%	30 ppi, minimum
Temperature Range	-55°C to 160°C

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