



### SILVER GLASS FILLED SILICONE ELASTOMER

ECE85A is a Silver-coated Glass filled silicone elastomer. 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
- Medical

SPECIFICATIONS	TARGET SPECIFICATION
Color	Tan
Elastomer	Silicone
Filler	Silver Glass
Hardness	75 ± 7 Shore A
Volume Resistivity	0.004 ohm-cm, maximum
Density	Density 2.0 ± 0.25 g/cm <sup>3</sup>
Tensile Strength	200 psi, minimum
Elongation Min	60%
Tear Strength	30 ppi, minimum
Temperature Range	-45°C to 160°C

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Europe: +49.0.8031.2460.0  
Asia: +86.755.2714.1166

EMI-DS-ECE85A 041715

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