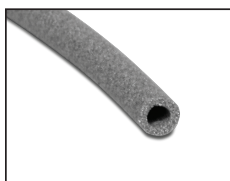


Silicone Elastomer with Silver Glass



SILVER GLASS FILLED SILICONE ELASTOMER

ECE115 is a Silver-coated Glass filled silicone elastomer that meets the MIL-DTL 83528 Type M 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	Gray
Elastomer	Silicone
Filler	Silver Glass
Hardness	65 ± 7 Shore A
Volume Resistivity	0.006 ohm-cm, maximum
Density	Density 1.9 ± 0.25 g/cm ³
Tensile Strength	200 psi, minimum
Elongation Min	100%
Tear Strength	30 ppi, minimum
Temperature Range	-55°C to 160°C

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www.lairdtech.com

EMI-DS-ECE115 041715

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