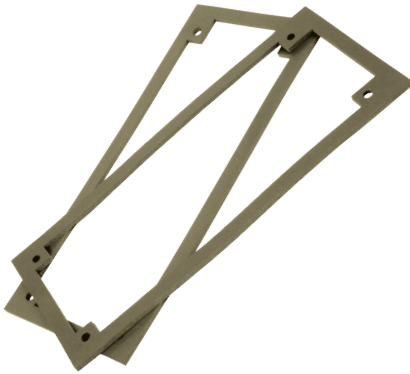


## Fluorosilicone Elastomer with Silver-Glass



### SILVER/GLASS FILLED FLUROSILICONE ELASTOMER

ECE125 is a silver/glass filled fluorosilicone elastomer. ECE125 has excellent shielding properties and low volume resistivity. The fluorosilicone resin component makes the material resistant to many common chemicals, fuels, and lubricants. Silver glass is a filler that offers the high performance of silver, while the glass component helps keep the cost low and increases in-application reliability. ECE125 has been developed to meet UL94 V0 standard.

ECE0125 is available in all standard parts, profiles, and components found in the EMI catalog. The material can be molded, extruded, or die cut from sheets into custom parts designed specifically for your device.

### FEATURES

- Utilizes both conductive and non-conductive materials
- Fluorosilicone Polymer base resin extends the temperature range and improves standard environmental resistance to include resistance to some chemicals, fuels, and lubricants
- Retains strong EMI protection
- Cost-effective solution
- Able to extrude or mold in various standard sizes, standard shapes, and standard profiles without a tooling charge
- Custom design-specific extrusions and molded parts

### MARKETS

- DataCom
- Military
- Medical

SPECIFICATIONS	TARGET SPECIFICATION
Color	Tan
Elastomer	Fluorosilicone
Filler	Silver Glass
Hardness	75 ± 7 Shore A
Volume Resistivity	0.010 ohm-cm, maximum
Density	2.0 ± 0.25 g/cm <sup>3</sup>
Tensile Strength	200 psi, minimum
Elongation	60%, minimum
Tear Strength	30 ppi, minimum
Temperature Range	-45°C to 160°C

USA: +1.866.928.8181  
Europe: +49.0.8031.2460.0  
Asia: +86.755.2714.1166

EMI-DS-ECE125 041715

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