

SILVER PLATED COPPER FILLED FLUOROSILICONE - GT 1007

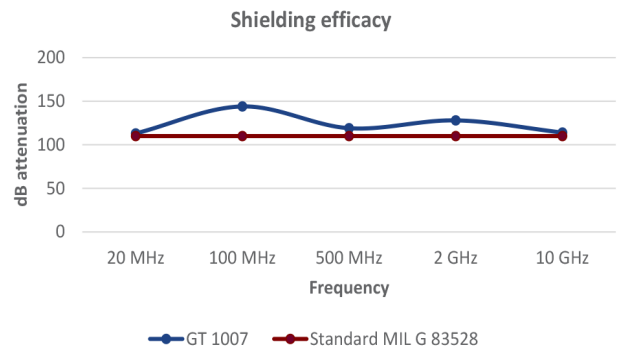
GT 1007 is a silver plated copper filled fluorosilicone conductive silicone elastomer which enables the creation of sealed, conductive gaskets, which can come into contact with solvents, oils, hydrocarbons or hydraulic fluids. This is a conductive mixture which is compliant with the MIL G 83528 Type C standard.

- Good EMP resistance
- Low degassing rate
- Both electrically and thermally conductive
- Excellent stability over time



Thanks to his low degassing rate, the GT 1007 is suitable for **aerospace applications**.

Properties	Standards-test	GT 1007	Specification MIL G 83528
Type MIL G 83528		Type C	
Elastomer binder		Fluorosilicone	
Conductive filler		Silver-plated copper	
Volume Resistivity $\Omega \cdot \text{cm}$	MIL G 83528	< 0.006	0.010
Hardness shore A	ASTM D 2240	73	75 \pm 7
Density	ASTM D 792 Method A	3.90	4.00 \pm 13%
Break resistance Mpa	ASTM D 412 Method A C	1.79	1.24 minimum
Elongation at break %	ASTM D 412 Method A C	250	100-300
Tear resistance N/mm	ASTM D 624 C	8.92	6.13 minimum
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	25.30	35 maximum
Continuous usage temperature		-55°C to +125°C	-55°C° to +125°C
Color		Grey / Beige	



AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Vulcanization bonding
- Sheet

