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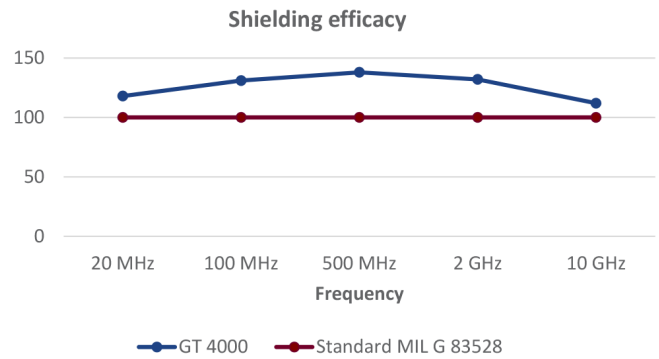
SILVER-PLATED GLASS BEAD FILLED CONDUCTIVE SILICONE - GT 4000

GT 4000 is a conductive, silver plated glass bead filled silicone elastomer which enables the creation of sealed conductive gaskets. This is a conductive mixture which is compliant with the MIL G 83528 type M standard.

- Low density
- Compatible with most alloys
- Excellent high-frequency performance
- Very stable at high temperatures (200°C peak)



Properties	Standards - Test	GT 4000	Specification MIL G 83528
Type MIL G 83528		M	-
Elastomer binder		Silicone	-
Conductive filler		Silver-plated glass bead	-
Volume Resistivity $\Omega \cdot \text{cm}$	MIL G 83528	< 0.015	0.06
Hardness shore A	ASTM D 2240	67	65 \pm 7
Density	ASTM D 792 Method A	2.00	1.90 \pm 13%
Break resistance Mpa	ASTM D 412 Method A C	2.47	1.37 minimum
Elongation at break %	ASTM D 412 Method A C	180	100 - 300
Tear resistance N/mm	ASTM D 624 C	8.06	5.25 minimum
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	25	30 maximum
Continuous usage temperature		-55°C to +160°C	-55°C to +160°C
Color		Grey / Beige	-



AVAILABLE FORMATS

- Molded
- Cut
- Sheet
- Vulcanization bonding

