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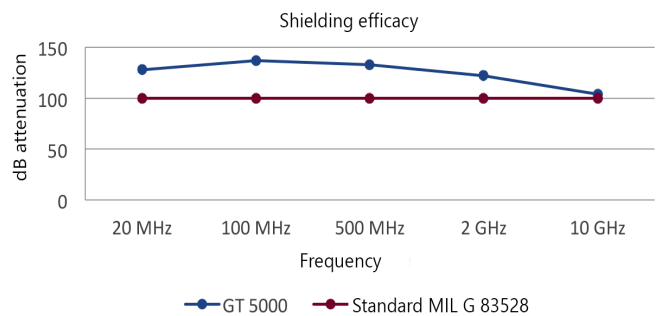
SILVER-PLATED ALUMINUM FILLED CONDUCTIVE SILICONE - GT 5000

GT 5000 is a conductive silver-plated aluminum filled conductive silicone elastomer which enables the creation of sealed, conductive gaskets. This is a conductive mixture which is compliant with the MIL G 83528 Type B standard.

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



Properties	Standards - Test	GT 5000	Specification MIL G 83528
Type MIL G 83528		B	-
Elastomer binder		Silicone	-
Conductive filler		Silver-plated aluminum	-
Volume Resistivity Ω .cm	MIL G 83528	< 0.0054	0.008 maximum
Hardness shore A	ASTM D 2240	65	65 \pm 7
Density	ASTM D 792 Method A	1.90	2.00
Break resistance Mpa	ASTM D 412 Method A C	1.89	1.38 minimum
Elongation at break %	ASTM D 412 Method A C	286	100-300
Tear resistance N/mm	ASTM D 624 C	8.43	5.25 minimum
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	17.30	32 maximum
Continuous usage temperature		-55°C to +160°C	-55°C to +160°C
Color		Grey / Beige	-



AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Sheet
- Vulcanization bonding

