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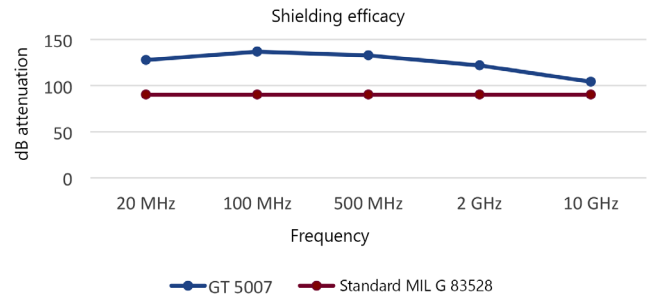
# SILVER-PLATED ALUMINUM FILLED CONDUCTIVE FLUROSILICONE - GT 5007

GT 5007 is a silver-plated aluminum filled conductive fluorosilicone 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 compliant with the MIL G 83528 type D standard.

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



Properties	Standards - Test	GT 5007	Specification MIL G 83528
Type MIL G 83528		D	-
Elastomer binder		Fluorosilicone	-
Conductive filler		Silver-plated aluminum	-
Volume Resistivity $\Omega \cdot \text{cm}$	MIL G 83528	< 0.0029	0.012 maximum
Hardness shore A	ASTM D 2240	71	70 $\pm$ 7
Density	ASTM D 792 Method A	2	2 $\pm$ 13%
Break resistance Mpa	ASTM D 412 Method A C	1.85	1.24 minimum
Elongation at break %	ASTM D 412 Method A C	260	60-260
Tear resistance N/mm	ASTM D 624 C	7.36	6.13 minimum
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	21	30 maximum
Continuous usage temperature		-55°C to +160°C	-55°C to +160°C
Color		Blue / Light grey	-



## AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Sheet
- Vulcanization bonding

