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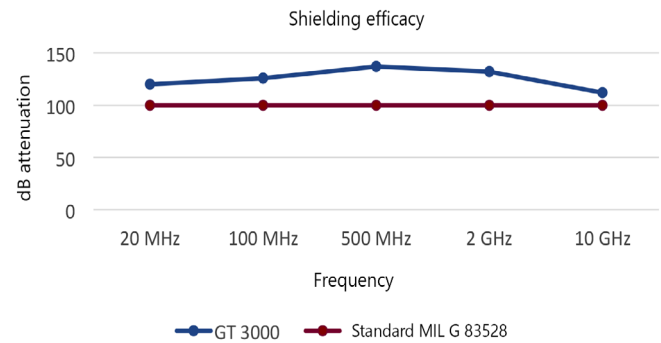
# SILVER-PLATED NICKEL FILLED CONDUCTIVE SILICONE - GT 3000

GT 3000 is a conductive silver-plated nickel filled conductive silicone elastomer which enables the creation of sealed, conductive gaskets. This is a conductive mixture which compliant with the MIL G 83528 type L standards.

- Very stable temperature range
- Irregular particle shape for better particle contact
- Good corrosion resistance on aluminum support (168 hours test in salt spray)



Properties	Standards - Test	GT 3000	Specification MIL G 83528
Type MIL G 83528		L	-
Elastomer binder		Silicone	-
Conductive filler		Silver-plated nickel	-
Volume Resistivity $\Omega \cdot \text{cm}$	MIL G 83528	< 0.005	0.005
Hardness shore A	ASTM D 2240	75	75 $\pm$ 7
Density	ASTM D 792 Method A	3.70	4.00 $\pm$ 13%
Break resistance Mpa	ASTM D 412 Method A C	3.00	1.38 minimum
Elongation at break %	ASTM D 412 Method A C	290	100-300
Tear resistance N/mm	ASTM D 624 C	9.50	5.25 minimum
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	< 32	32 maximum
Continuous usage temperature		-55°C to +125°C	-55°C to +125°C
Color		Grey	-



### AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Sheet
- Vulcanization bonding

