



GETELEC

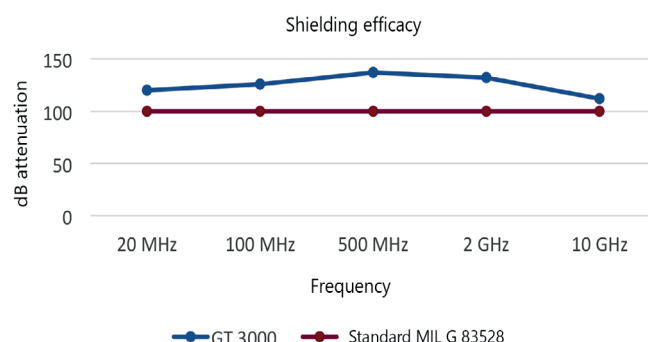
We protect your electronics

GT 3000

SILVER-PLATED NICKEL FILLED CONDUCTIVE SILICONE

- 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 - Tests	GT 3000	Specification MIL G 83528
Type MIL G 83528		L	-
Elastomer		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 (g/cm^3)	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 compression 70 hours at 100°C (%)	ASTM D 395 Method B	< 32	32 maximum
Continuous operating temperature		-55°C to +125°C	-55°C to +125°C
Color		Grey	-



AVAILABLE FORMATS

- Molded
- Customized cutting
- Extruded
- Adhered by vulcanization
- Sheet
- Adhesive

