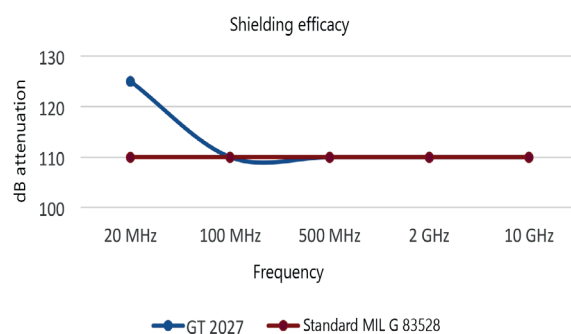


GT 2027

PURE SILVER FILLED CONDUCTIVE FLUOROSILICONE

- Highly conductive
- Very low volume resistivity
- Excellent attenuation performance
- High-temperature resistance (peak 200°C)

Properties	Standards -Tests	GT 2027	Specification MIL G 83528
Type MIL G 83528		F	-
Elastomer		Fluorosilicone	-
Conductive filler		Pure silver	-
Volume resistivity ($\Omega \cdot \text{cm}$)	MIL G 83528	< 0.0006	0.002
Hardness (shore A)	ASTM D 2240	75	75 $\pm$ 7
Density (g/cm^3)	ASTM D 792 Method A	4.30	4.00 $\pm$ 13%
Break resistance (Mpa)	ASTM D 412 Method A C	3.30	1.72 Minimum
Elongation at break (%)	ASTM D 412 Method A C	158.5	100-300
Tear resistance (N/mm)	ASTM D 624 C	14.4	7.0 minimum
Residual deformation after compression 70 hours at 100°C (%)	ASTM D 395 Method B	19	60
Continuous operating temperature		-55°C to +160°C	-55°C to +160°C
Color		Beige	-



AVAILABLE FORMATS

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

