

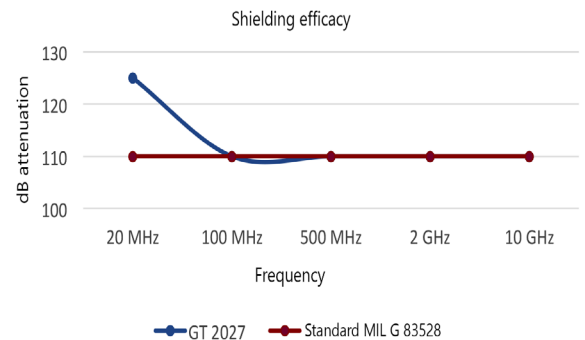
PURE SILVER FILLED CONDUCTIVE FLUROSILICONE - GT 2027

GT 2027 is a pure silver filled conductive fluorosilicone elastomer which enables the creation of sealed, conductive gaskets. This is a conductive mixture which is compliant with the MIL G 83528 type F standard.

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



Properties	Standards - Test	GT 2027	Specification MIL G 83528
Type MIL G 83528		F	-
Elastomer binder		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	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 70 hours of compression at 100°C	ASTM D 395 Method B	19	60
Continuous usage temperature		-55°C to +160°C	-55°C to +160°C
Color		Beige	-



AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Sheet
- Vulcanization bonding

