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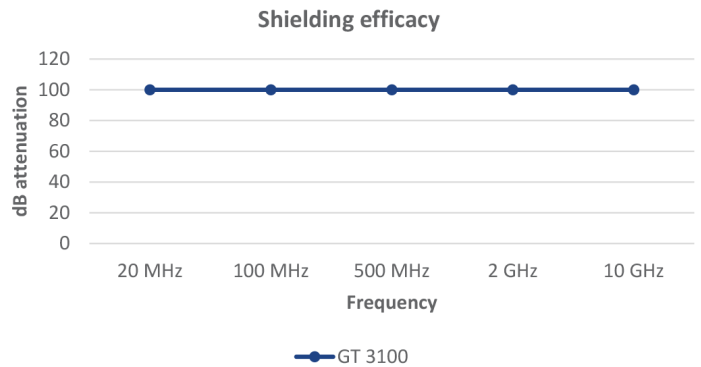
# GRAPHITE NICKEL FILLED CONDUCTIVE SILICONE - GT 3100

GT 3100 is a conductive graphite nickel filled conductive silicone elastomer which enables the creation of sealed, conductive gaskets. This is a conductive mixture with excellent low performance.

- Good low-frequency performance
- Stable electrical properties
- Grade compliant with UL 94 V0
- Economical solution



Properties	Standards - Test	GT 3100
Type MIL G 83528		-
Elastomer binder		Silicone
Conductive filler		Graphite nickel
Volume Resistivity $\Omega \cdot \text{cm}$	MIL G 83528	< 0.10
Hardness shore A	ASTM D 2240	65
Density $\text{g/cm}^3$	ASTM D 792 Method A	2
Break resistance Mpa	ASTM D 412 Method A C	1.37
Elongation at break %	ASTM D 412 Method A C	150
Tear resistance N/mm	ASTM D 624 C	8.73
Residual deformation after 70 hours of compression at 100°C	ASTM D 395 Method B	40
Continuous usage temperature		-55°C to +150°C
Color		Dark grey



### AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Sheet
- Vulcanization bonding

