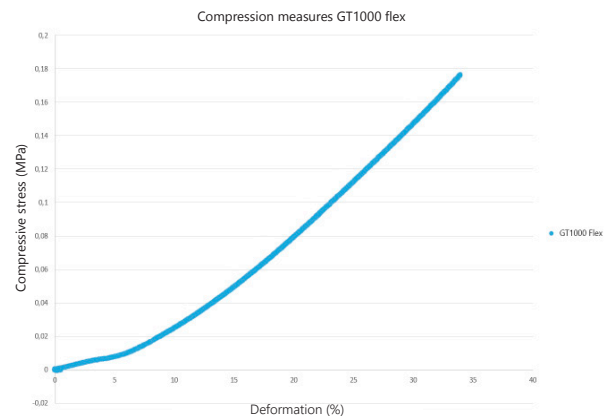


# CONDUCTIVE SILICONE FILLED SILVER-PLATED COPPER - **GT 1000 Flex**

GT1000 Flex is a conductive silver-plated copper filled silicone elastomer, which enables the creation of sealed and conductive gaskets. This is a conductive mixture which is compliant with the MIL DTL 83528 Standard.

- Low density (2.67 g.cm<sup>3</sup>)
- Low compression force
- Low RDC (< 10%)
- Highly conductive
- Excellent attenuation performance
- Very high stability over time

Properties	Standards - Test	GT 1000 Flex
Elastomer		Silicone
Filler		Silver-plated copper
Volume Resistivity Ω.cm		< 0.005
Hardness shore A	ASTM D 2240	40
Density	ASTM D 792 Method A	2.67
Break resistance Mpa	ASTM D 412 Method A C	0.81
Elongation at break %	ASTM D 412 Method A C	250
Tear strength N/mm	ASTM D 624 C	3.89
Residual deformation after compression 70 hours at 100°C	ASTM D 395 Method B	6.3 %
Working temperature		-55°C to +125°C
Color		Grey / Beige



## AVAILABLE FORMATS

- Molded
- Customized cut
- Vulcanisation bonding
- Sheet

