

GT 1000 FLEX

SILVER-PLATED COPPER CONDUCTIVE SILICONE

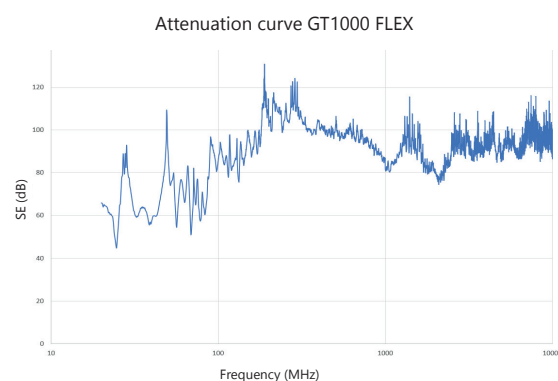
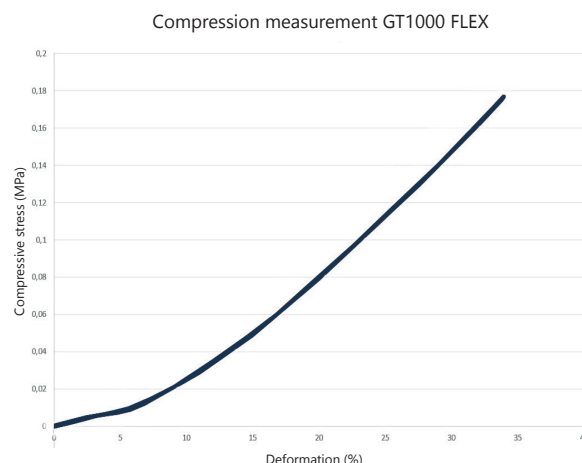


- Low density (2.67g.cm³)
- Low compression force
- Very low RDC (<10%)
- Highly conductive
- Excellent attenuation performance
- Very high stability over time



Thanks to its space qualification according to the ESA-ECSS-Q-ST-70-02C TML RML (<1%) and CVCM (<0.1%) standard, the GT1000 FLEX is suitable for **aerospace application**.

Properties	Standards - Test	GT 1000 Flex
Elastomer		Silicone
Conductive filler		Silver-plated copper
Volume resistivity (Ω.cm)		< 0.005
Hardness (Shore A)	ASTM D 2240	40
Density (g/cm ³)	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
TML (%)	ECSS-ST-70-02C	0.37
RML (%)	ECSS-ST-70-02C	0.37
CVCM (%)	ECSS-ST-70-02C	0.07
Color		Grey / Beige



AVAILABLE FORMATS

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

