

GT 5000 FLEX

SILVER-PLATED ALUMINUM FILLED CONDUCTIVE SILICONE

- Low density (1.67g/cm³)
- Low compression force
- Low RDC
- 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 GT5000 FLEX is suitable for **aerospace application**.

Properties	Standards - Test	GT 5000 Flex
Elastomer		Silicone
Conductive filler		Silver-plated aluminum
Volume resistivity (Ω.cm)		< 0.0040
Hardness (Shore A)	ASTM D 2240	30 ± 5
Density (g/cm ³)	ASTM D 792 Method A	1.67
Break resistance (Mpa)	ASTM D 412 Method A C	1.02
Elongation at break (%)	ASTM D 412 Method A C	260
Tear strength (N/mm)	ASTM D 624 C	2.01
Residual deformation after compression 70 hours at 100°C	ASTM D 395 Method B	10.20 %
Working temperature		-55°C to +160°C
TML (%)	ECSS-ST-70-02C	0.22 %
RML (%)	ECSS-ST-70-02C	0.21 %
CVCM (%)	ECSS-ST-70-02C	0.09 %
Color		Grey / Beige

AVAILABLE FORMATS

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

