

GT 5000 EX SP

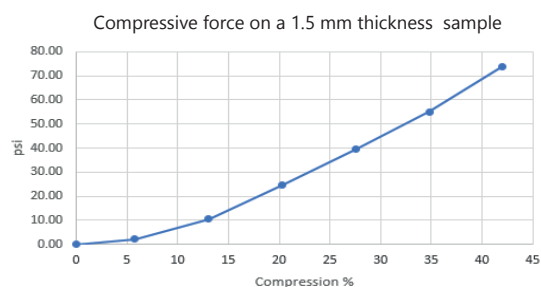
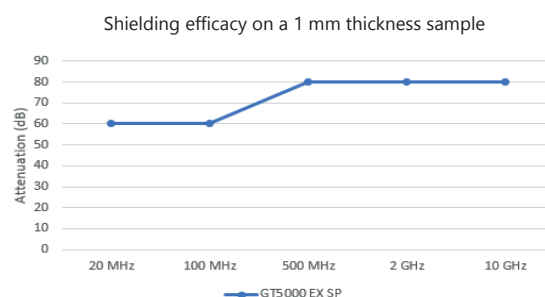
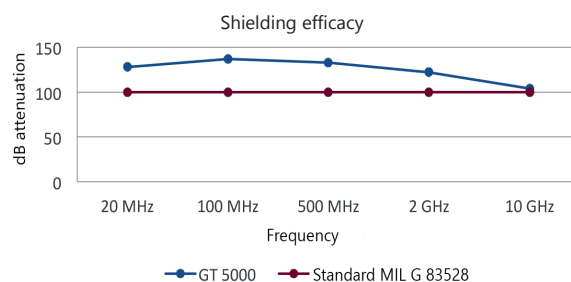
SILVER-PLATED ALUMINUM FILLED EXPANDED CONDUCTIVE SILICONE

- Very low density
- Very stable in temperature
- No oils
- Compatible with most alloys



Thanks to its space qualification according to the ESA-ECSS-Q-ST-70-02C TML RML (<1%) and CVCM (<0.1%) standard, the GT5000EX SP is suitable for **aerospace applications**

Properties	Standards - Test	GT 5000EX SP
Elastomer		Silicone
Conductive filler		Silver-plated aluminum
Working temperature (With adhesive)		-55°C to +160°C
Hardness (Shore A)		45 ± 5
Density (gm/cc)		1.0 ± 0.13
Vibration resistance	MIL G 83528	Compliant
Volume resistivity (Ohm.cm)		Max 0.5
Shielding performance	MIL G 83528	Compliant
TML	ECSS-Q-ST-70-02C	0.18 %
RML	ECSS-Q-ST-70-02C	0.15 %
CVCM	ECSS-Q-ST-70-02C	0.08 %
Degassing with adhesive	ECSS-Q-ST-70-02C	Compliant



AVAILABLE FORMATS

- Molded
- Customized cutting
- Adhered by vulcanization
- With adhesive
- Standard sheet size :
150x150 mm for thicknesses < 2 mm
300x300 mm for thicknesses ≥ 2 mm

