GT 1007

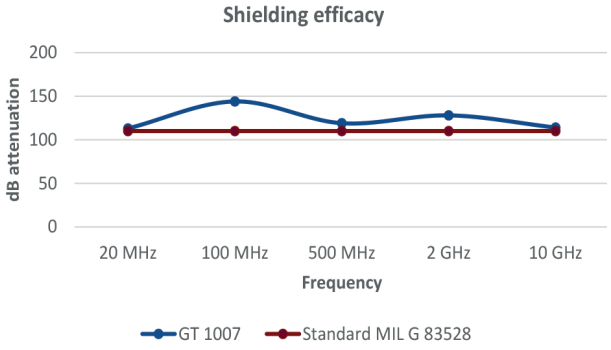
SILVER-PLATED COPPER FILLED FLUOROSILICONE

GETELEC
We protect your electronics

- Good EMP resistance
- Low degassing rate
- Both electrically and thermally conductive
- Excellent 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 GT 1007 is suitable for **aerospace applications**

Properties	Standards - Tests	GT 1007	Specification MIL G 83528
Type MIL G 83528		**Type C**	
Elastomer		**Fluorosilicone**	
Conductive filler		**Silver-plated copper**	
Volume resistivity (Ω.cm)	MIL G 83528	**< 0.006**	0.010
Hardness (shore A)	ASTM D 2240	**73**	75 ±7
Density (g/cm³)	ASTM D 792 Method A	**3.90**	4.00 ± 13%
Break resistance (Mpa)	ASTM D 412 Method A C	**1.79**	1.24 Minimum
Elongation at break (%)	ASTM D 412 Method A C	**250**	100-300
Tear resistance (N/mm)	ASTM D 624 C	**8.92**	6.13 Minimum
Residual deformation after compression 70 hours at 100°C (%)	ASTM D 395 Method B	**25.30**	35 Maximum
Continuous operating temperature		**-55°C to +125°C**	-55°C° to+125°C
Color		**Grey / Beige**	



CERTIFIED GETELEC COMPOUND

AVAILABLE FORMATS

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

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