

CONDUCTIVE SILICONE FILLED SILVER-PLATED ALUMINUM **GT 5000 Flex**

GT5000 Flex is a conductive silver-plated aluminum 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 (1.67 g.cm³)
- Low compression force
- Low RDC
- Highly conductive
- Excellent attenuation performance
- Very high stability over time

Properties	Standards - Test	GT 5000 Flex
Elastomer		Silicone
Filler		Aluminum silver
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
Color		Grey / Beige

AVAILABLE FORMATS

- Molded
- Customized cut
- Secured by vulcanization
- Sheet
- Adhesive

