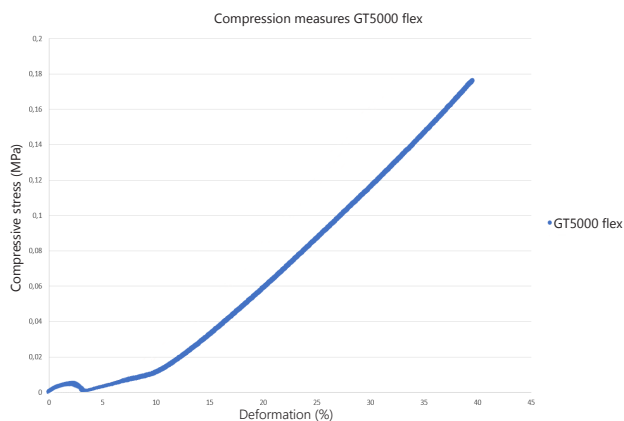


# CONDUCTIVE SILICONE FILLED SILVER-PLATED ALUMINUM **GT 5000 Flex**

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.cm<sup>3</sup>)
- 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 <sup>3</sup> )                             | 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 cut
- Secured by vulcanization
- Sheet
- Adhesive

