



GETELEC

We protect your electronics

ENVIRONMENTAL SEALING FLUROSILICONE GT 77

GT77 is an elastomer developed with fluorosilicone type FVMQ (ASTM D 1418). These elastomers are used for the manufacture of molded items, extruded seals, cut flash and seals vulcanized in place. They maintain their mechanical characteristics over a broad temperature range.

- Heat resistance
- chemicals resistance
- low degradation of properties with temperature
- Permeability and gas absorption
- Good resistance to solvents, fuels, organic and silicone oils

| Properties | Standards - Test | GT 77 |
|--|---------------------|-----------------|
| Elastomer | | Fluorosilicone |
| Hardness Shore A (±5) | ASTM D 2240 | 70 |
| Specific mass at 25°C (g/cm ³) | ASTM D792 | 1.48 |
| Tensile strength Psi Mpa | ASTM D 412 | 1250 8.60 |
| Elongation (%) | ASTM D 412 | 300 |
| Residual deformation after 22 hours at 177°C (%) | ASTM D 395 Method B | 25 |
| Working temperature (°C) | | -60°C to +230°C |
| Color | | Blue |

AVAILABLE FORMATS

- Molded
- Customized cut
- Extruded
- Vulcanization bonding
- Sheet

