



GETELEC

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# ENVIRONMENTAL SEALING

## SILICONE GT 30

GT 30 is an elastomer developed with silicone type VMQ (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

| Properties                                       | Standards - Test    | GT 30           |
|--|---------------------|-----------------|
| Elastomer  |                     | Silicone        |
| Hardness Shore A ( $\pm 5$ )                     | ASTM D 2240         | 30              |
| Specific mass at 25°C (g/cm <sup>3</sup> )       | ASTM D792           | 1.11            |
| Tensile strength<br>Psi<br>Mpa                   | ASTM D 412          | 980<br>6.75     |
| Elongation (%)                                   | ASTM D 412          | 850             |
| Residual deformation after 22 hours at 177°C (%) | ASTM D 395 Method B | 20              |
| Working temperature (°C)                         |                     | -73°C to +232°C |
| Color  |                     | White           |

### AVAILABLE FORMATS

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

