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# ENVIRONMENTAL SEALING SILICONE GT 80

GT80 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 80
Elastomer		Silicone
Hardness Shore A (±5)	ASTM D 2240	80
Specific mass at 25°C (g/cm³)	ASTM D792	1.43
Tensile strength Psi Mpa	ASTM D 412	965 6.65
Elongation (%)	ASTM D 412	165
Residual deformation after 22 hours at 177°C (%)	ASTM D 395 Méthod B	35
Working temperature (°C)		-73°C to +232°C
Color		Red

### AVAILABLE FORMATS :

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

