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# ENVIRONMENTAL SEALING FLUROSILICONE GT 57

GT 57 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 ranges.

- 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 57
Elastomer		Fluorosilicone
Hardness Shore A (±5)	ASTM D 2240	50
Specific mass at 25°C (g/cm <sup>3</sup> )	ASTM D792	1.44
Tensile strength Psi Mpa	ASTM D 412	1200 8.45
Elongation (%)	ASTM D 412	350
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

