

ENVIRONMENTAL SEALING FLUROSILICONE **GT 47**

GT 47 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 47
Elastomer		Fluorosilicone
Hardness Shore A (±5)	ASTM D 2240	40
Specific mass at 25°C (g/cm ³)	ASTM D792	1.43
Tensile strength Psi Mpa	ASTM D 412	1250 8.60
Elongation (%)	ASTM D 412	400
Residual deformation after 22 hours at 177°C (%)	ASTM D 395 Method B	20
Working temperature (°C)		-60°C to +230°C
Color		Blue

AVAILABLE FORMATS

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

