

## Fluorosilicone Solid Sheeting

*Silicone is an immensely adaptive material favoured for use in food and medical industries due to its anti-microbial characteristics and extreme temperature range. However, the biggest drawback of silicone is its poor compatibility and resistance to chemicals. Fluorinating the compound creates stronger bonds which improves its resistance to fuel and mineral oils. Please note, fluorinated silicone is not suitable for use with hot air applications. This rubber sheeting is available with pressure sensitive adhesive backing. Polymax also provide a fabrication service to create gaskets or strips - please call us for more information.*

### Approvals

AMR-R-25988(MIL-R-25988) (B)(MIL-DTL-25988) (B)TYII CL1 GR60, AMS 3325, REACH and RoHS.

**Operating temperature range: -53.8°C to 260°C**

Physical Property	Test Method	Units	Typical Values
Hardness	ASTM D412	ShA	60
Elongation at Break	ASTM D412	%	200
Tensile Strength	ASTM D412	MPa	6.2
Compression Set 22hrs @100		%	15
Tear Resistance	ASTM D624	PPI Die B	40
Volume Change	Fuel C 22hrs @25°C	%	20