

Technical Data Sheet

Fluorosilicone Rubber

Sheeting



Material

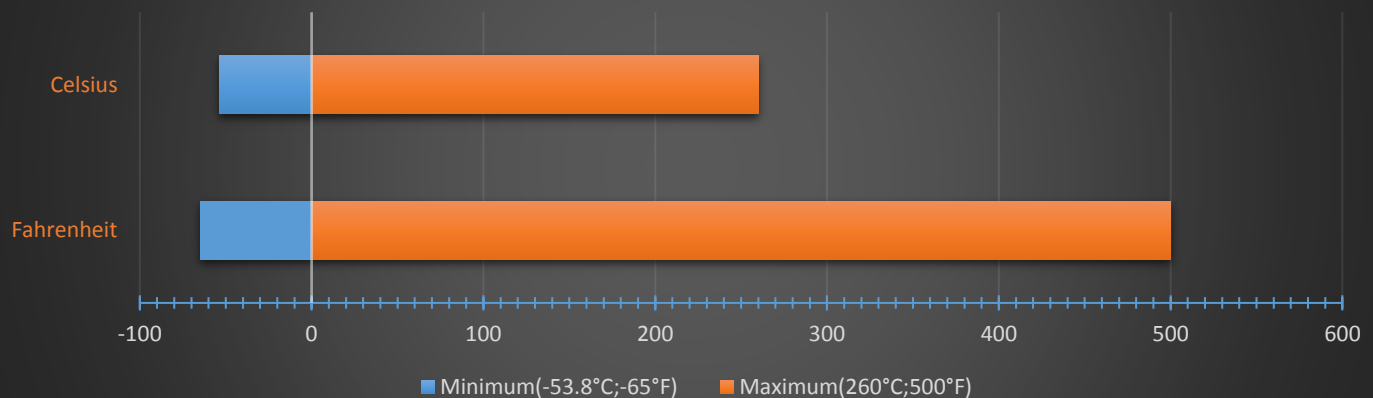
Fluorosilicone Rubber

Available Grades

914mm wide, 60°shore A Blue available from stock in a variety of thicknesses, other colours and formats on request

Temperature

Temperature Range



General Information

Fluorosilicone sheeting is designed to be used in applications where normal Silicone would degrade with harsh chemicals or fluids and used where extreme conditions exist.

Fluorosilicone is extremely resistant to fuels and solvents, to extreme high/low temperature, also resistant to fungus. It is available in various thicknesses and widths, please contact us for further information.

Environmental Resistance

Silicone rubber products have an excellent resistance to:

- ❖ Ozone
- ❖ Oxidation
- ❖ Ultraviolet light
- ❖ Corona discharge
- ❖ Cosmic radiation
- ❖ Ionising radiation
- ❖ Weathering in general

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Availability Format

- ✓ Supplied in continuous roll lengths
- ✓ Widths of 914mm (standard)
- ✓ Pressure sensitive adhesive backing
- ✓ Punched and Water jet gaskets
- ✓ Fabrications

Typical Applications

Sealing applications for volatile fuels and chemicals in harsh environments

Mechanical Properties

Properties	Units	Test Method	Typical Properties
Specific Gravity	G/CC	ASTM D297	1.50
Hardness	Shore A	ASTM D2240	60
Tensile Strength	PSI	ASTM D412	900
Elongation	%	ASTM D412	200
Tear	PPI DIE `B`	ASTM D624	40
Volume Change Fuel `C` 22 HRS @ 25°C	%	°C	20%

In-house capabilities for extensive industry specific testing available on request

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General Characteristics

Accreditations

- ❖ Meets MIL-R-25988 Type 2 Class I GR60 & MIL-DTL-25988
- ❖ AMS 3325
- ❖ REACH compliant and RoHS compliant

Extra Information

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