

Fluorosilicone Sheeting Datasheet

Product Code: RC0323-FLU

Product Description

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.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification

Properties	Test Method	Values
Specific Gravity	ASTM D297	1.50 G/CC
Hardness	ASTM D2240	60° Shore A
Tensile Strength	ASTM D412	900 PSI
Elongation	ASTM D412	200%
Tear	ASTM D624	40 PPI Die B
Volume Change Fuel 'C' 22hrs @ 25°C	°C	20%
Temperature Range	°C	-60°C to +230°C (continuous) +250°C (intermittent)

Environmental Resistance

Silicone rubber products have excellent resistance to:

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



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

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.

Accreditations

- AMS 3325
- REACH compliant and RoHS compliant

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



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