

# Technical Data Sheet

## Fluorosilicone Rubber Sheetting



### Material

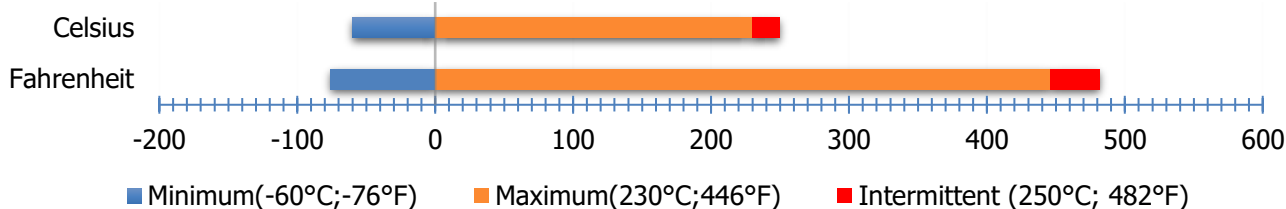
Fluorosilicone Rubber



### Available Grades

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

### Temperature Range



## General Information

Fluorosilicone sheetting 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

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for their intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice. Issue date 01.01.2019.

**SILEX LTD**

Silex Ltd, Unit 10, Oakhanger Farm Business Park, Oakhanger, Bordon, Hampshire, GU35 9JA. Tel 00 44 1420 470360, Fax 00 44 1420 472802  
E-Mail: [sales@silex.co.uk](mailto:sales@silex.co.uk), Website: [www.silex.co.uk](http://www.silex.co.uk), Registered company number: 1951973. Place of registration: England & Wales.

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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

## Environmental Resistance

Silicone rubber products have an excellent resistance to:

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

## Mechanical Properties

Property	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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## Typical Applications

Sealing applications for volatile fuels and chemicals in harsh environments

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## Accreditations

- AMS 3325
- REACH compliant and RoHS compliant

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## Additional Information

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