

TECHNICAL DATA SHEET

FLUROSILICONE RUBBER

SHEETING



MATERIAL

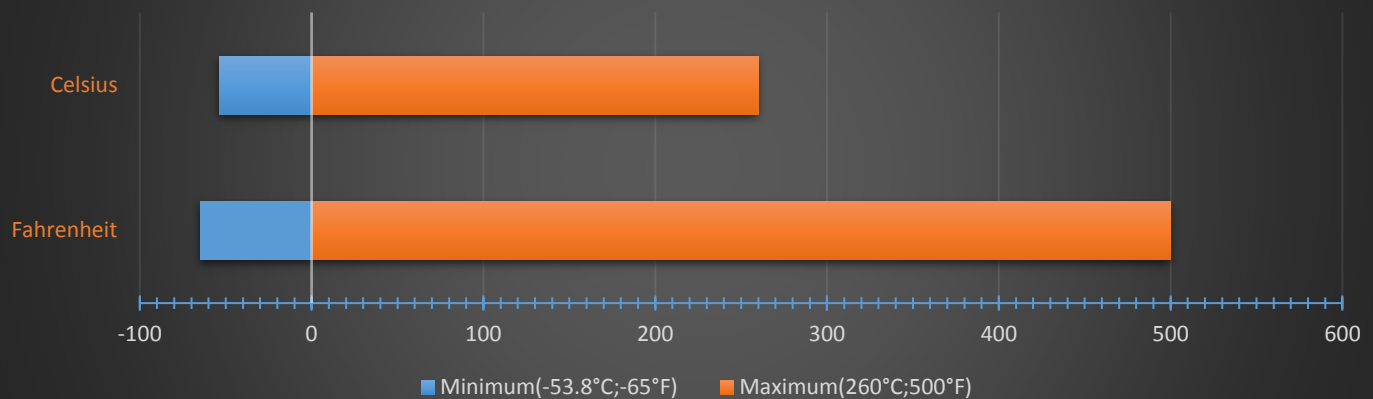
Fluorosilicone Rubber

AVAILABLE GRADES

915mm wide, 60°shore A Blue available 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

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.

MVQ SILICONES GMBH

Industriepark Hertzstrasse, Hertzstrasse 11, D-69469 Weinheim, Deutschland, Tel 0049 6201 259040, Fax 0049 6201 2590410

E-Mail: info@mvq-silicones.de, Website: www.mvq-silicones.de, Registered in Germany No. HRB 701069

Director: K Soudah

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AVAILABILITY FORMAT

- ✓ Supplied in continuous roll lengths
- ✓ Widths of 915mm (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
- ❖ RoHS compliant

EXTRA INFORMATION

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