

Technical Data Sheet

Silicone Rubber Sponge SIL-X-700-FFF



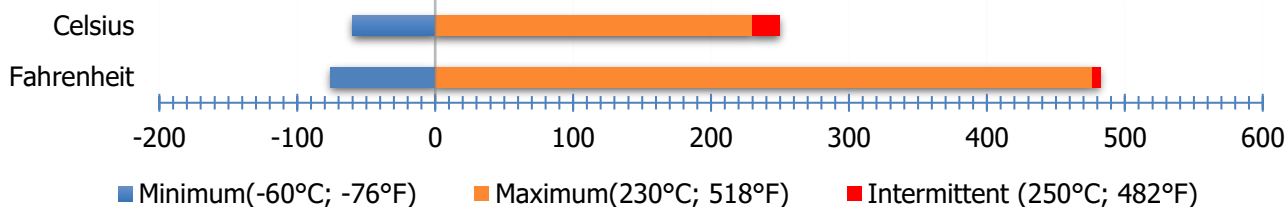
Material



Available Grades

SIL-X-700-FFF

Temperature Range



General Information

Silex material SIL-X-700-FFF is fluorosilicone, closed cell sponge that can be used in most gasketing applications.

This material is flexible and compressible and designed for use in extreme temperature ranges with excellent weathering characteristics; compression set resistance, electrical strength and non-stick properties.

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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Technical Data Sheet

Silicone Rubber Sponge SIL-X-600-FFF



Availability Format

SIL-X-700-FFF is available in 914x 914mm sheets. Thicknesses included are 0.9mm / 1.59mm / 2.4mm / 3.2mm.

Typical Applications

SIL-X-700-FFF is often chosen as the material of choice for applications containing oils and fluids that would degrade normal elastomers.

Mechanical Properties

Property	Units	Value	Test Method
Colour		blue	Visual
Compression Deflection	Psi	15	ASTM D1056
Tensile Strenght	Psi	180	ASTM D412
Elongation	%	125	ASTM D412
Compression Set	%	25	ASTM D1056
Density	Lbs/in	0.020	ASTM D3574
Water Absorption	%	<5	ASTM D1056

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Sheeting		SIL-X-600 FFF	
Compression	Pressure PSI	Thermal Conductivity (W/mK)	Thermal Impedance (°C/in ² -w)
Contact	<1	0.30	6.0
10%	5	0.40	4.5
25%	12	0.45	2.5
50%	34	0.65	1.0

Accreditations

Additional Information

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