

VFD700SH

Fluorosilicone Sponge Sheet

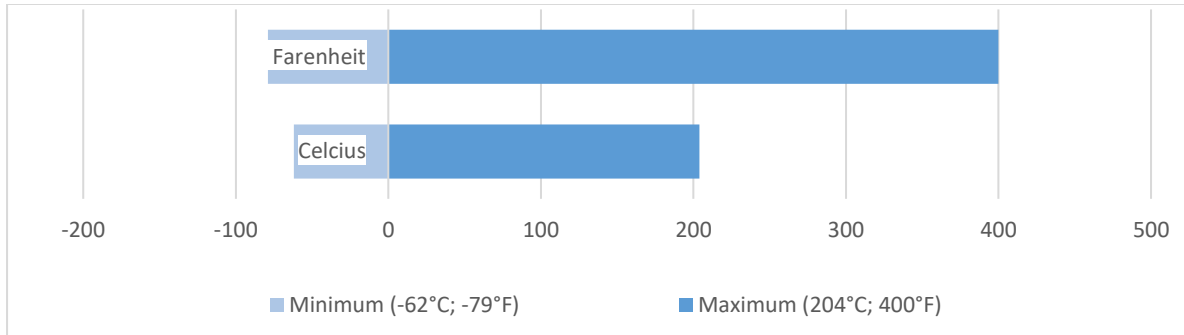
Material

Fluorosilicone Sponge

Available Grades

VFD700SH

Temperature Range



General Information

VFD700SH 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.

Material compliance

- Capable of meeting MAS3323, Class 2
- Capable of meeting MIL-R-6130 Type II, Grade A, B and C (excluding paragraph 4.5.7 flame resistance)
- capable of meeting ASTM D6576 Type II, Grade A, B ad C (excluding paragraph 15 flame resistance)

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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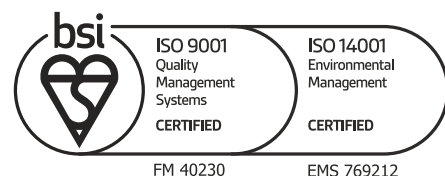
Viking Extrusions Ltd – Ivy Arch Road, Worthing, West Sussex, BN14 8BX, UK

Company Number: 2634482UK

VAT Number: GB587651394

Registered in England & Wales

REV 01 – Last Updated: 20/06/24



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Typical Applications

VFD700SH is often chosen as the material of choice for applications containing oils and fluids that would degrade normal elastomers.

Availability Format

- VFD700SH is available in 914mm x 914mm sheets.
- Thicknesses included are 0.9mm, 1.6mm, 2.4mm, 3.2mm

Material Properties

Property	Units	Value	Test Method
Colour		Blue	Visual
Compression Deflection	PSI	15	ASTM D1056
Tensile Strength	PSI	180	ASTM D412
Elongation at Break	%	125	ASTM D412
Compression Set	%	25	ASTM D1056
Density	lb/in ³	0.020	ASTM D3574
Water Absorption	%	<5	ASTM D1056

These figures are only intended as a guide and should not be used in preparing specifications.

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