



Viton™ /FKM Sponge Sheeting

A closed cell formulation that is manufactured with a continuous skin on both sides. The skin makes the sheet stronger and more tear resistant and even when the surface skin is punctured or cut, the sheets will not allow the passage of air or fluid between cells. The non-absorbent sheets are highly compressible, resilient, lightweight and provide good thermal insulation.

Like dense Viton™, J-Flex Viton™ Sponge is generally resistant to aliphatic and aromatic hydrocarbons, oils, fuels, ozone and weather, lubricants, and animal or vegetable oils. It is also resistant to acids and hot water.

J-Flex Viton™ Sponge sheets have a service temperature of -25°C to 204°C, however, elevated temperatures while under compression will have an adverse effect on the resilience of this material.

TYPICAL PHYSICAL PROPERTIES				
Thickness	1/8" (3.18mm)	1/4" (6.35mm)	3/8" (9.53mm)*	1/2" (12.7mm)*
Water Pick-Up (% weight increase)	0.00%	0.02%	0.06%	0.01%
Compression Set (%)				
22hrs @ 75°C	27%	13%	14%	17%
22hrs @ 158°C	100%	100%	100%	100%
Low Temperature Brittleness (°F)	-10°F	-10°F	-10°F	-10°F
Compression Deflection (psi)				
25% Deflection - original	6.5	5.5	4.0	3.5
25% Deflection - 7 days @ 400°F	9.0	7.5	6.0	5.0
Density - Lbs per cubic foot	19	17	15	10
Thickness Tolerance (inches)	+0.050 -0.030	+0.060 -0.060	+0.080 -0.080	+0.125 -0.125

Dimensional Tolerances: E3 as standard. E2 and E1 available on request.

Availability - in Sheets:

3.18mm thick (1/8")

609mm (24") x 1219mm (48")
711mm (28") x 1422mm (56") EX-STOCK

6.35mm thick (1/4")

609mm (24") x 1219mm (48")
762mm (30") x 1422mm (56") EX-STOCK

9.53 mm thick (3/8")

762mm (30") x 1422mm (56")

12.7 mm thick (1/2")

762mm (30") x 1422mm (56")



Viton™ is the registered trademark of The Chemours Chemical Company

J-Flex are an approved Chemours Viton™ licensee

Dimensional Tolerances: are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

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