

Technical Data Sheet

Viton™ Sponge (WCMVSP0)

SPONGE & FOAM

POLYMER: Vinylidene Flouride-Hexaflouropropylene-co-polymer

TYPICAL PHYSICAL PROPERTIES - ALL VALUES BASED ON 3MM THICK

CELL STRUCTURE:	Closed Cell
DENSITY	19 Lb/ft ³
THICKNESS TOLERANCE:	+ .050/- .030"
TEMPERATURE RANGE:	-25° - +204° C
WATER PICKUP: (% Weight Increase)	0.00%
COMPRESSION DEFLECTION:	
25% Deflection (Original)	6.5 p.s.i.
25% Deflection (7 Days @ 204° C)	9.0 p.s.i.
COMPRESSION SET:	
22 Hrs @ 24° C	27%
22 Hrs @ 70° C	100%



RESISTANCE

OZONE:	Excellent
AIR & UV:	Excellent
OILS & FUELS:	Good/Excellent
ACIDS:	Excellent

Viton™ Sponge is 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™, Viton™ Sponge is generally resistant to aliphatic and aromatic hydrocarbons, oil, fuels, Ozone and weather, lubricants, and animal or vegetable oils. It is also resistant to acids and hot water.

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.

Viton is a trademark of The Chemours Company.

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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