



## **302 - Fluorosilicone (FVMQ)**

Temperature Range -73°C (-100°F) to +200°C (+350°F)

Fluorosilicone combines the good high- and low-temperature properties of silicone with limited resistance to petroleum based oils and/or hydrocarbon fuels. Fluorosilicone provides a much wider operational temperature range than Fluorocarbon rubbers. The Primary use of Fluorosilicone is O-rings in fuel systems and in applications where the dry-heat resistance of silicone O-rings is required.

Due to relatively low tear strength, high friction and limited abrasion resistance of these materials, they are generally recommended for static applications only. Fluorosilicone's with high tear strength are also available. Some of these compounds exhibit improved resistance to compression set.

Ref	Specification	Hardness IRHD	SG	Tensile Strength (psi)	Elongation at Break %	Colour
302 - FS301	Commercial	20°	1.30	1230	700	To Order
302 - FS401	Commercial	40°	1.40	1190	410	To Order
302 - FS508	High Temp	50°	1.49	1300	390	To Order
302 - FS601	Commercial	60°	1.45	1335	350	To Order
302 - FS657	Commercial	65°	1.36	1030	310	To Order
302 - FS701	Commercial	70°	1.50	1200	250	To Order
302 - FS707	DTD5583A	70°	1.465	1420	220	Blue
302 - FS801	Commercial	80°	1.55	1090	160	To Order

Full data sheets for all grades are available on request.

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