



Fluorosilicone (FVMQ) Black 70 ShA

FSBL70

Fluorosilicone (FVMQ, F-SIL) exhibits stable compression set resistance across an extreme temperature range. It is widely used in aerospace and automotive applications. A great “problem-solver” although better suited to static sealing rather than dynamic due to its relatively poor abrasion properties.

Colour: Black

Operating Temperature range: -59°C to +175°C

Physical Property	Test Method	Unit	Typical Values
Hardness	ASTM D2240	ShA	70
Tensile Strength	ASTM D412	MPa	9.9
Elongation	ASTM D412	%	312
Specific Gravity	ASTM D297	g/cm ³	1.465
Compression Set	ASTM D395B	%	7
Low Temperature		°C	NONBRITTLE
TR10		°C	-56.3

Approvals/Special Features: