



Fluorosilicone (FVMQ) Black 50 ShA

FSBL50

Fluorosilicone (FMVQ, 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	50
Tensile Strength	ASTM D412	MPa	8.9
Elongation	ASTM D412	%	384
Specific Gravity	ASTM D297	g/cm ³	1.408
Compression Set	ASTM D395B	%	6

Approvals/Special Features: