



Colour - Black

DATA / SPECIFICATION SHEET

Viton (FKM)

DESCRIPTION

Fluorocarbons are now a complex range of polymers. They were first developed in the 1950s to provide a high temperature oil resistant elastomer. They are now an important class of elastomers and capable of providing a very wide chemical compatibility at the temperature up to 200°C.

SERVICE

Resistant to: Mineral oils and greases, some phosphate esters (HFD), silicone oils and grease, chlorinated solvents, air and ozone, fuels.

Not suitable for: Steam and hot water above 100°C, phosphate esters (Skydrol), polar solvents, fuels containing methanol, gear lubricants with EP additives, engine oils with amine additives, amines, alkalis, organic acids, brake fluids.

PROPERTIES

Density	1.9 g/cc
Tensile Strength	6 MPa
Elongation	100%
Hardness	75 ± 5
Temperature Range	-15 °C to 200 °C

AVAILABILITY

Thickness range	= 1.0mm to 6.0mm (standard) or by order
Standard sheet sizes	= 1.2m X 1.0m 1.2m X 2.0m 1.2m X 5.0m 1.2m X 10.0m

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