

**03-75-0068****FPM –Fluorinated Rubber Genuine Viton® Type A****Description**

- Viton® is the registered trademark of DuPont Performance Elastomers L.L.C. for fluoropolymer elastomers. Viton® fluoroelastomers are categorized under the ASTM D1418 and ISO 1629 designation of FPM.

**Property**

- Excellent resistance to aliphatic and aromatic hydro-carbons, chlorinated solvents, petroleum oils, fuels, ozone and weather, lubricants, and animal or vegetable oils
- Not recommended for the use in acids, hot water or steam, ester and ether of low molecular weight, ketones, certain amines, hot anhydride hydrofluoric acid, chlorinated sulfuric acid as well as alkyl phosphate ester

**Technical Specifications**

			[Value]
<b>Color</b>			black
<b>Specific gravity</b>	ISO 2781	[g/cm³]	1.84
<b>Hardness</b>	ISO 48	[°IRHD]	75 ±5
<b>Tensile strength</b>	ISO 37	[MPa]	15.5
<b>Elongation at tear</b>	ISO 37	[%]	201
<b>Compression set</b>	ISO 815		
<b>During 24h and +200 °C</b>	25% compression	[%]	18
<b>Temperature</b>		[°C]	+200
<b>Temperature min. TR10 of flexibility</b>	ASTM D 1329	[°C]	-16

**Typical applications**

- Viton® in technical application is widely used as sealing material with high thermic and chemical resistance, for instance as O-ring seals for detachable flange connections in the vacuum technology

**Further information****Conformity**

- ADI-free
- REACH-compliant
- RoHS-compliant

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