

J-FLEX MATERIAL DATA SHEET

VITON™ RUBBER SHEETING

GRADE NO: JFV 70A COLOUR : BLACK



Partner of Viton™ a Brand of
The Chemours Company

Viton™ Type: 100% Virgin Viton™ 'A' Compound - 66% Fluorine Content

Basic Properties	Standard	Values	
Specific Gravity		1.85 (+/-0.05) g/cm ³	
Hardness	ASTM D2240	70° (+/-5°) Shore 'A'	
Tensile Strength	ISO 37	≥ 7 MPa	
Elongation @ Break	ISO 37	≥ 165%	
Compression Set after 22hrs @ 175°C	ISO 815-1	≤ 55%	
Working Temperature	-20 / + 250°C Continuous (Up to 315°C Intermittent)		
OIL RESISTANCE - volume after 70 hrs @ 150°C			
IRM 901 Oil	ASTM D471	≤ 2%	
IRM 903 Oil	ASTM D471	≤ 10%	
CHEMICAL RESISTANCE			
Diluted Acids & Bases	Concentrated Acids & Bases	Ozone	Oils & Hydrocarbons
Very Good	Very Good	Very Good	Good

ADVANTAGES:

- Very Good chemical resistance
- Excellent hydrocarbons resistance, either aliphatic, aromatic or chlorinated
- Good impermeability to gases
- Excellent air resistance
- Exceptional high temperature resistance
- Excellent ozone resistance
- Excellent resistance to acids and alkalis including oxidants



Viton™ is the registered trademark of The Chemours Chemical Company

J-Flex are an approved Chemours Viton™ licensee

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J-FLEX RUBBER PRODUCTS

Engineering Rubber Components & Specialised Sheeting Products

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