

Greene FKM 742

Fluoroelastomer

Greene, Tweed & Co.

Message:

Fluoroelastomer 742 performs well in aggressive chemicals and where ultrapure materials are not required. Recommended for conventional wet and dry system applications, Fluoroelastomer 742 has a good field performance history in both dynamic and static applications. The mid-range durometer of this material allows the seal to conform to a wide range of hardware features.

General Information		
Features	Good Chemical Resistance	
Uses	Gaskets	
	Seals	
Appearance	Black	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.82	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	75	
Elastomers	Nominal Value	Unit
Tensile Stress		
50% Strain	4.14	MPa
100% Strain	7.07	MPa
Tensile Strength (Break)	14.1	MPa
Tensile Elongation (Break)	180	%
Compression Set ¹ (204°C, 70 hr)	20	%
Thermal	Nominal Value	Unit
Continuous Use Temperature	-30.0 to 200	°C
Service Temperature - Excursion	-30 to 250	°C
NOTE		
1.	25% Deflection	

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Recommended distributors for this material

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