

FPD Blue™ 707

Fluoroelastomer

Greene, Tweed & Co.

Message:

Specifically designed for flat panel display CVD and dry plasma etch equipment where seal reliability and minimal contamination are essential, FPD Blue 707 fluoroelastomer provides excellent chemical compatibility and withstands a variety of aggressive chemicals. Available in an infinite range of geometries and cross sections, this material offers the diversity required for a variety of dynamic or static dry processing applications. FPD Blue 707 remains stable at service temperatures up to 220°C (428°F) and is ideally suited for large lid seals and bonded slit valve door seals.

General Information		
Features	Good Chemical Resistance	
Uses	Electrical/Electronic Applications	
	Gaskets	
	Seals	
Appearance	Blue	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.90	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	75	
Elastomers	Nominal Value	Unit
Tensile Stress		
50% Strain	2.34	MPa
100% Strain	5.32	MPa
Tensile Strength (Break)	24.7	MPa
Tensile Elongation (Break)	250	%
Compression Set ¹ (204°C, 70 hr)	24	%
Thermal	Nominal Value	Unit
Service Temperature	-20 to 220	°C
NOTE		
1.	25% Deflection	

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Recommended distributors for this material

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