

**FLUOROELASTOMER (Viton®) STYLE 8700**

<b>CHEMICAL NAME:</b>	Fluorinated Hydrocarbon
<b>ASTM D-2000 CLASSIFICATION:</b>	HK (ASTM D1418) FKM
<b>DUROMETERS AVAILABLE:</b>	50 thru 95 ± 5 (Shore A)
<b>TENSILE STRENGTH RANGE:</b>	500 to 2000 psi
<b>ELONGATION (MAX):</b>	300%
<b>SPECIFIC GRAVITY (POLYMER):</b>	1.86
<b>TEMPERATURE RANGE (F°):</b>	-20° to +400° F
<b>WEATHER &amp; SUNLIGHT AGING:</b>	Excellent
<b>HEAT AGING @ 212°F:</b>	Excellent
<b>OXIDATION:</b>	Excellent
<b>OZONE:</b>	Excellent
<b>RESISTANCE TO:</b>	
<b>ABRASION:</b>	Good
<b>TEAR:</b>	Good
<b>HYDROCARBON SOLVENTS/OIL:</b>	Excellent
<b>ACID; DILUTE/CONCENTRATE:</b>	Excellent
<b>ALKALI; DILUTE/CONCENTRATE:</b>	Good
<b>FLAME:</b>	Excellent
<b>WATER SWELL:</b>	Good
<b>REBOUND/RESILIENCE:</b>	Good
<b>IMPACT STRENGTH:</b>	Good
<b>ADHESION TO METAL:</b>	Good
<b>ELECTRICAL RESISTIVITY:</b>	Good

**ADDITIONAL COMMENTS:**

Used extensively in industry as O-rings, hydraulic seals, rod and shaft packings, diaphragms, gaskets, and pump parts. Fluoroelastomers show excellent resistance to most oils and acids. Heat resistance also puts Fluoroelastomers ahead of the list with temperature ratings as high as 500+°F. (time and type of service must be considered).

Our 8700 is Viton® “A” and is not recommended for some nitro compounds, ketones or low molecular weight esters.  
Finish is plate (smooth).

Thicknesses: 1/64”, 1/32”, 1/16”, 3/32”, 1/8”, 3/16”, 1/4”

Viton® is a registered trademark of DuPont Performance Elastomers.

*Properties and application parameters shown are typical and are presented in good faith but no warranty is expressed or implied. This edition supersedes all previous issues and all data is subject to change without notice. ASTM tests are in accordance with ASTM F104 and properties are based on 1/32” sheet thickness (except as noted). © 01-2015  
MASTER PACKING & RUBBER COMPANY CEDAR RAPIDS, IOWA 52404 [www.mprcseals.com](http://www.mprcseals.com) 800-397-3429*



## PRODUCT DATA SHEET

Widths: 36" & 48"