

FLUOROELASTOMER (Viton®) STYLE 8740

CHEMICAL NAME:	Fluorinated Hydrocarbon
ASTM D-2000 CLASSIFICATION:	HK (ASTM D1418) FKM
DUROMETERS AVAILABLE:	50 thru 95 ± 5 (Shore A)
TENSILE STRENGTH RANGE:	1400 to 1800 psi
ELONGATION (MAX):	300%
SPECIFIC GRAVITY (POLYMER):	1.87 nominal
TEMPERATURE RANGE (F°):	-20° to +400° F
WEATHER & SUNLIGHT AGING:	Excellent
HEAT AGING @ 212°F:	Excellent
OXIDATION:	Excellent
OZONE:	Excellent
RESISTANCE TO:	
ABRASION:	Good
TEAR:	Good
HYDROCARBON SOLVENTS/OIL:	Excellent
ACID; DILUTE/CONCENTRATE:	Excellent
ALKALI; DILUTE/CONCENTRATE:	Good
FLAME:	Excellent
WATER SWELL:	Good
REBOUND/RESILIENCE:	Good
IMPACT STRENGTH:	Good
ADHESION TO METAL:	Good
ELECTRICAL RESISTIVITY:	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 8740 is Viton® “B” and recommended for bio-diesel fuels and methyl 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.

Widths: 36” & 48”

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 800-397-3429