

FDA Fluoroelastomer (Viton®) STYLE 8730

CHEMICAL NAME:	Fluorinated Hydrocarbon
ASTM D-2000 CLASSIFICATION:	M2HK710 A1-10, B38, C12, EF31, Z1
DUROMETERS AVAILABLE:	60 thru 90 ± 5 (Shore A)
TENSILE STRENGTH RANGE:	500 to 1825 psi
ELONGATION (MAX):	265%
SPECIFIC GRAVITY (POLYMER):	2.25
TEMPERATURE RANGE (F°):	-25° 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 8730 is Viton® “A” and is made from ingredients that are compliant with 21 CFR 177.2600 and/or 21 CFR 174.5 (D) (1)
Finish is plate (smooth).

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



PRODUCT DATA SHEET

Viton® is a registered trademark of DuPont Performance Elastomers.
Standard sheet size: 36" x 36"