



HANNA RUBBER COMPANY

Specification Sheet



Viton Rubber

Viton is the most specified fluoroelastomer, well known for its excellent (400°F/200°C) heat resistance. Viton offers excellent resistance to aggressive fuels and chemicals. There are many types of Viton to meet specific end-use and processing needs. There are differences between types of Viton in terms of chemical resistance and mechanical properties.

Whether your application is automotive, chemical processing or any number of other industrial applications, there is a particular type of Viton that best meets your specific performance requirements. The general purpose types differ primarily from the specialty types in chemical resistance. In the specialty family, the choice is among four types that are tailored for superior fluid resistance, low-temperature performance or combinations of these properties.

Grade	DuroShore A± 5	Thickness (in.)	Width (in.)	Tensile Strength (psi)	Ultimate Elongation Percent	Temperature Range	Est. Weight Per Linear Ft. (1/8" x 36")	Specifications ASTM D 2000
Commercial Grade	70	1/32 - 1/4	36, 48	800	200	-20°F to +450°F	3.7 lb	
	75	1/16	48	1200	200	-20°F to +450°F	1.5 (1/16" x 48")	M2HK707B37
	75	1/8	48	1200	200	-20°F to +450°F	2.9 (1/8" x 48")	M2HK707B37
Military Spec	75	1/64 - 1/4	36, 48	1700	150	-20°F to +500°F	3.63 lb	MIL-R-83248C, AMS 7276G, AMS 3216G
Viton A Premium Grade	60	1/32 - 1/4	36, 48	1300	250	-20°F to +450°F	3.79 lb	1HK 610
	70	1/32 - 1/4	36, 48	1300	250	-20°F to +450°F	3.58 lb	1HK 710
	80	1/32 - 1/4	36, 48	1400	160	-20°F to +450°F	3.61 lb	1HK 810
Viton B Premium Grade	60	1/32 - 1/4	36, 48	1300	250	-20°F to +450°F	3.72 lb	1HK 610
	70	1/32 - 1/4	36, 48	1300	200	-20°F to +450°F	3.75 lb	1HK 710
	75	1/32 - 1/4	36, 48	1500	200	-20°F to +450°F	3.81 lb	1HK 810Z

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.