



2537 Wharton Glen Avenue, Mississauga, Ontario, L4X 2A8
Phone: (905) 277-9925 | Fax: (905) 277-9934 | www.combifab.com

TECHNICAL DATA SHEET

CF736 VITON GASKET MATERIAL FKM FLUOROELASTOMER

Viton Gasket Material (FKM)

Gasketing perfect for gasket cutting, flat seals, door seals, industrial applications. Standards are in stock or custom manufactured to your specifications. Viton is a high tech elastomer designed for extreme heat, oil and chemical resistance. Viton resists aliphatic aromatic and halogenated hydrocarbons, concentrated acids, alkalis, animals and vegetable oils.

Restrictions:

Viton is not generally resistant to ketones, low molecular weight esters (such as ethyl acetate) or nitro containing compounds. Products are not usually serviceable below -15 degree F.

Specifications:

Temperature Limit: 350°F (constant) 400°F (intermittent)

Pressure Limit: 800 lbs. @ 400°F

Durometer Hardness: 72 Shore A

Tensile Strength: 1285 psi

Elongation: 286%

Specific Gravity: 1.88

Finish: Matte, Press Cured



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There are different types of Viton. A good example of the differences can be viewed by examining the following chart:

Relative chemical compatibility and mechanical properties for Viton® fluoroelastomers.								
	Viton® General Use Types					Viton® Specialty Types		
	A	B	F	GBL-S	GF-S	GLT-S	GFLT-S	ETP-S
Chemical environment								
Automotive and aviation fuels	1	1	1	1	1	1	1	1
Automotive fuels oxygenated with MEOH, ETOH, MTBE, etc.	4	2	1	2	1	4	1	1
Engine lubricating oil, SE and SF	2	1	1	1	1	1	1	1
Engine lubricating oil, SG and SH	3	2	2	1	1	2	1	1
Aliphatic hydrocarbon process fluids, chemicals	1	1	1	1	1	1	1	1
Aromatic hydrocarbon process fluids, chemicals	2	2	1	1	1	2	1	1
Aqueous fluids, steam mineral acids	3	2	2	1	1	1	1	1
Strong base, high pH, caustic, amines	4	4	4	2	2	2	2	1
Low molecular weight carbonyls 100% concentration (MTBB, MBK, MIBK, etc.)	4	4	4	4	4	4	4	1
Compression set and low-temperature performance								
Resistance to compression set	1	2	2	2	2	2	2	2
Low-temperature flexibility	2	2	3	2	3	1	1	2
Key: 1 = Excellent 2 = Fair to Good 3 = Poor 4 = Not Recommended								