



Viton

100V is an industrial grade 100% fluor elastomer (66% Fluorine Content) sheet. It is designed for applications that require a material with good chemical resistance and heat resistance.

100V delivers superior leak protection against oils, fuels, lubricants, most mineral acids, and fire-resistant hydraulic fluids, and resists many aliphatic and aromatic hydrocarbons (carbon tetrachloride, benzene, toluene, xylene) that act as solvents for other rubbers. It is not good for use with amines, esters, and ketones.

Typical Rubber Properties	Test Method	Typical Value
Hardness (Shore A)	ASTM D2240	75±5
Tensile Strength	ASTM D412	1200 psi min
	ASTM D412	Elongation
	ASTM D395B	250% min
Fluid resistance	ASTM D471	Compression Set
Specific Gravity	ASTM D792	50% max.
Color	Visual	30% max
		1.92 nominal
		Black

- Thickness & Width as specified.
- This is a commercial-grade Viton™ fluor elastomer-based gasket, recommended for use in fuel, hydrocarbon-based fluids, and aggressive media.
- This material is based upon 100% fluor elastomer with a 66% minimum fluorine. No Substitutions will be accepted.
- Compression Set, Plied, Method B 50% compression (168 hr. @ 175°C)

All tolerances meet or exceed standard RMA requirements. The properties and application parameters shown are typical and are presented in good faith, but no warranty is expressed or implied.

