



VERTEX FC 14 is a Copolymer FKM which is created for chemical resistance.

Material Data

S.No	Description	ASTM Test Method	Unit	Spec
1.	Hardness	D 2240	Shore A	75±5
2.	Density	D 792	gm/cc	1.88±0.05
3.	Tensile Strength	D 412	MPa	10 (Min)
4.	100% Modulus	D 412	MPa	2 (Min)
5.	Elongation @ break	D 412	%	150 (Min)
6.	Compression Set 22hrs@200°C	D 395 Method B	%	40 (Max)

Note: This information is to the best of our knowledge accurate and reliable and it does not necessarily indicate the end product performance. Hence, it is the customer's responsibility to evaluate the parts prior to use, especially in applications where the failure may result in injury and or damage.

Features & Benefits

Lower volumetric swell

Higher resistance to wide range of fluids under pressure

Very good chemical compatibility

Unrivalled chemical resistance because of high fluorine content (70%)

Operating temperatures from -5°C to +220°C

Applications

Valves

Pumps

Mechanical seals

Compressors reactors

Product Range

O rings

Backup seals

U cup seal

X ring

Lip seal

Wiper seal

Packing elements

