



VERTEX H 17 is a Hydrogenated NBR Uniquely Crafted for Ultra Low temperature RGD resistance.

Material Data

S.N	Description	ASTM Test Method	Unit	Typical Values
1.	Hardness	D 2240	Shore A	87
2.	Density	D 792	gm/cc	1.304
3.	Tensile Strength	D 412	MPa	19.02
4.	100% Modulus	D 412	MPa	14.78
5.	Elongation @break	D 412	%	143.44
6.	Compression Set 22hrs @150°C	D 395 Method B	%	5.36
	Compression Set 70hrs @150°C		%	11.86
7.	Low Temperature Retraction (TR10)	D 1329	°C	-37

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.

Certifications



NORSOK M 710 (RGD)



NACE TM 0192

(CARBONDIOXIDE DE COMPRESSION ENVIRONMENTS)

Features & Benefits

Good Mechanical Strength

Higher resistance to oil compared to NBR

Better Ozone due to saturation

Unrivalled ED and Extreme Low temperature resistance

Operating temperatures from -46°C to +160°C

Intermittent: -52°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

