



**VERTEX H 18LT** is a Hydrogenated NBR Uniquely Crafted for Ultra Low temperature Applications.

**Material Data**

S.No	Description	ASTM Test Method	Unit	Spec
1.	Hardness	D 2240	Shore A	85±5
2.	Density	D 792	gm/cc	1.30±0.05
2.	Tensile Strength	D 412	MPa	14 (Min)
3.	Elongation @ break	D 412	%	100 (Min)
4.	Compression Set 22hrs@150°C	D 395 Method B	%	25 (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**

Good Mechanical Strength

Higher resistance to oil compared to NBR

Better Ozone due to saturation

Extreme Low temperature resistance

Operating temperatures from -46°C to +150°C.

Intermittent: -52°C.

**Applications**

Valves

Pumps

Mechanical seals

Compressors reactors

**Product Range**

O rings

Backup seals

U cup seal

X ring

Packing elements

Custom Molded Parts

