



VERTEX FC 18 is a FKM-B type compound Crafted Exclusively for Dynamic Use and for RGD Resistance.

Material Data

| S.No | Description | ASTM Test Method | Unit | Spec |
|------|--------------------------------|-------------------|---------|-----------|
| 1. | Hardness | D 2240 | Shore A | 90±5 |
| 2. | Density | D 792 | gm/cc | 1.85±0.05 |
| 3. | Tensile Strength | D 412 | MPa | 10 (Min) |
| 4. | Elongation @ break | D 412 | % | 100 (Min) |
| 5. | Compression Set 22hrs@200°C | D 395 Method B | % | 25 (Max) |
| | Compression Set 70hrs@200°C | | % | 35 (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.

Certifications



NORSOK M710 (RGD)



NACE TM0187 (SOUR FLUID IMMERSION 20% H₂S)
NACE TM0192 (CARBONDIOXIDE DECOMPRESSION ENVIRONMENTS)

Features & Benefits

Lower volumetric swell

Higher resistance to wide range of fluids under pressure

Very good chemical compatibility

Unrivalled ED and Chemical resistance

Operating temperatures from -20°C to +204°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

