

Charles Cantrill

LIMITED

Grade: CC 2015.



General information and application.

This is a firm neoprene material suitable for high/medium bolt pressure, with good flexibility and resilience. The physical characteristics along with good fuel, solvent and oil resistance, make this a high qualified material for industrial and transformer gaskets.

Material Description

Cork granule size (mm)	0.5 / 1.0mm
Colour	Natural
Binder	Neoprene Rubber

Test Method Property Results

Density	0.75 – 0.9
Hardness, Shore A	70 - 80
Compressibility at 400 PSI (%)	20 - 30
Recovery after (%)	> 80
Tensile Strength (Kg/Cm)	
- Transversal Direction	> 15
- Longitudinal Direction	> 25

Flexibility

Original (F5)	No cracks
ASTM No 1 Oil, 70 hrs @ 100 Deg C (F16)	No cracks
Oven aged, 70 hrs @ 100 Deg C (F16)	No Cracks

Volume change after immersion

ASTM No 1 Oil 70 Hrs @ 100. C (%)	-10 to +10
ASTM No 3 Oil 70 Hrs @ 100. C (%)	-5 to +15
ASTM Fuel A, 22 Hrs @ 23. C (%)	-2 to +10

Specification and test methods according to: ASTM F 104-93.