

Charles Cantrill

LIMITED

Grade: CC 2040.



General information and application.

This is a firm rubbercork material suitable for medium bolt pressure with good flexibility and resilience. The physical characteristics along with good fuel and oil resistance make this a high qualified material for automotive and industrial gaskets (gas meter).

Material Description

Cork granule size (mm)	Nitrile Rubber
Colour	Natural
Binder	Nitrile Rubber

Physical Characteristics

Density	0.7 – 0.85
Hardness, Shore *A*	65 - 75
Compressibility @ 44 psi. (28kg/sq.cm) %	25 - 35
Recovery after (%)	> 80
Tensile Strength (Kg/Cm)	
- Transversal Direction	> 15
- Longitudinal Direction	> 22.5

Flexibility

Original (F5)	No cracks
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Volume change after immersion

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

Specification and Test Methods According

ASTM F 104-93 F226100

ASTM No P2245-A

DIN 553575