

Charles Cantrill

LIMITED

Grade: CC 2004.

General information and application.

This is a high compressible material suitable for low and medium bolt pressure, with good flexibility and resilience.

The physical characteristics along with oil and fuel resistance make this a qualified material for automotive and industrial gaskets.

This material is also suitable for vibration control in plant rooms etc.

Material Description

Cork granule size (mm)	1/2
Colour	Black
Binder	Synthetic Rubber

Physical Characteristics

Density	0.56 – 0.75
Hardness Shore A	55 - 70
Compressibility at 400 psi (%)	30 - 50
Recovery after (%)	> 80
Tensile Strength (kg / cm)	
- Transversal Direction	> 8
- Longitudinal Direction	> 12

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 (%)	+10 to +40
ASTM Fuel A, 22 Hrs @ 23. C (%)	-2 to +10

Specifications and testing methods according: ASTM 104-93 F229000.