



CORK NL53

MATERIAL SPECIFICATION SHEET

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.

Material Description

Cork Granule Size (mm)	1/2
Binder	Neoprene/Nitrile
Binder Colour	Black

Temperature Range -20 °C to +120 °C

Physical Characteristics

Hardness Shore A	60-70
Density	0.55-0.76
Compressibility at 400 PSI (%)	30-50
Recovery after (%)	>75
Tensile Strength (Kg/cm) Transversal Direction	>8
Tensile Strength (Kg/cm) Longitudinal Direction	>12

Flexibility

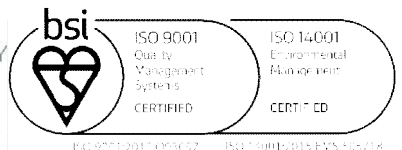
Original (F5): No Cracks

Volume change after immersion

ASTM No 1 Oil, 70 hrs @ 100. C (%)	-10 to +5
ASTM No 3 Oil, 70 hrs @ 100. C (%)	0 to +30
ASTM Fuel A, 22 hrs @ 23. C (%)	0 to +20

Specification and Test Method according

ASTM 104-93 F229000.



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