

Technical Data Sheet

Nitrile Bonded Cork (WCM1237)

CHEMICAL DESCRIPTION: NBR/Cork

PHYSICAL PROPERTIES

TENSILE STRENGTH:

Transversal Direction 0.8 MPa

Longitudinal Direction 1.2 MPa

DENSITY 550 - 760 Kg/m³

HARDNESS: 50 - 70 Sh A

COMPRESSIBILITY: 35 - 50% @ 400 PSI (min)

RECOVERY AFTER 400 PSI (min): >80%

FLEXIBILITY: Original (F=5) No Cracks

VOLUME CHANGE AFTER IMMERSION:

ASTM No 1 Oil -10 - +10%

ASTM No 3 Oil -10 - +40%
70 Hours at 100° C

ASTM Fuel A 0 to +15 %
22h at 23°C



BONDED CORK

WCM1237 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.

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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