

Specification Sheet / 01 A355/C2001 Nitrile bonded cork



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

General Information and application

This is an economical and highly compressible material suitable for low and medium bolt pressure, with good flexibility and resilience.
The physical characteristics along with fuel and oil resistance make this a general purpose gasket material.

Material Description

Cork granule size 2-3mm
Colour- Black
Binder-Cork/Nitrile

Physical Characteristics

Density-0.6-0.7
Hardness Shore A-50-70
Compressibility, 400 PSI - 40-55%
Recovery - 75%
Tensile Strength-10.5 kg/cm

Flexibility

Original F=5-No cracks
ASTM No 1 Oil, 70 Hrs @ 100c (F16)-No cracks
Oven aged, 70 Hrs @ 70 Hrs @ 100c (F16)-No cracks

Volume change after Immersion

ASTM No 1 Oil 70 Hrs @ 100c (%) -10 to +10
ASTM No 3 Oil 70 Hrs @ 100c (%) -5 to +40
ASTM Fuel A, 22 Hrs @ 23c (%) -5 to +10

Specification according to

ASTM D 194. F2290000.

Temperature range

-20 to + 120 Degrees centigrade.

Change Control Date

09/09/2014

Change

Created



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

