

## Nitrile Bonded Cork 2001\* Grade

*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.*

\*other grades available to order only in full roll format

### Material Description

Cork granule size (mm): 2 / 3

Colour: Black

Binder: Cork / Nitrile

Suggested Shelf life in ideal conditions: 5yrs

### Physical Characteristics

Density: 0.6 - 0.7

Hardness Shore A: 50 - 70

Compressibility, 400 PSI (%): 40 - 55

Recovery (%): 75

Tensile Strength (kg/Cm): 10.5

### Flexibility

Original (F5): 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.

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use TSEC products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product. All sales subject to our standard terms.