

DATA SHEET



DNI27 Premium Nitrile rubber-bonded Cork Gasket

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Product Description:

A premium general purpose gasket material manufactured from highest quality cork oak, bonded with a nitrile synthetic rubber. It is suitable for low and medium bolt pressure, with high mechanical strength and compressibility together with unique resilience. Conforms to BS F66

Applications:

Suitable for flat gaskets with good fuel & oil resistance, transformer oil, cutting oils, detergents, water & a wide range of aqueous media. Unsuitable for acids & alkalis.

Physical Characteristics:

Binder type: Acrylonitrile rubber

Standard Thickness Range: 0.8mm, 1.0mm, 1.5mm, 2mm, 2.4mm, 3mm, 4mm, 5mm, 6mm

Standard Sheet size: 1m x 1m wide. Also available in roll form, length depending on thickness.

Technical Data:

Hardness Shore A:	70-80°
Specific Gravity:	0.7-0.75
Tensile Strength:	1.72MPa
Compression at 2.8 MPa:	25-35%
Recovery (Min)	80%.
Volume change after immersion:	
ASTM 1 Oil 72 hrs at 100°C:	-5 to +10%, No cracks
ASTM 3 Oil 72 hrs at 100°C:	-5 to 150%
ASTM Fuel A 22 hrs at 20°C:	-2 to +10%
Oven Aged 70 hrs @ 100°C:	No cracks
Working temperature Range:	-20°C to + 110°C continuous

Specific Conformance:

BS F66



Certificate No: GB08/75575