



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,
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GB 19386

Nebar® Brown: General Purpose



Description

General purpose, high quality cork-elastomer jointing. Below 3mm thickness it comprises a predominately nitrile bonded cork; 3mm and above the cork is bonded with a polychloroprene/nitrile blend. Previously designated Nebar® N1.

Recommended maximum system pressure is 0.5 MPa/5bar. May be used for higher pressures in consultation with our Technical Support Team.

Prime features

- Extensively used in automotive, engineering and electrical industries.
- Suitable for a wide range of flanges.
- 110°C maximum operating temperature in liquids.
- Retains flexibility down to -20°C (<3mm) or -30°C (≥3mm).

Specifications

Complies with ASEA 1169 5012E-204; and ASTM F104 line call out — <3mm, F22400M2; 3mm & >3mm, F22500M2.

Physical properties

(Tested to ASTM F104 procedures)	<3mm	≥3mm	
Hardness, IRHD	65 to 80	65 to 85	(ASTM D1415)
Tensile strength (minimum), MPa	1.75	1.75	(ASTM F152B)
Compressibility @ 2.8N/mm ² , %	15 to 30	20 to 30	(ASTM F36B)
Recovery, minimum %	75	75	(ASTM F36B)
Fluid resistance, % volume change in:			
ASTM Oil No.1, 72h @ 100°C	-3 to +10	0 to +10	(ASTM F146)
IRM 903, 72h @ 100°C	0 to +25	+5 to +30	(ASTM F146)
ASTM Fuel A, 22h @ ambient	-5 to +10	0 to +15	(ASTM F146)
BS 148 Transformer Oil, 14 days @ 90°C	+23	+8	(ASTM F146)

How supplied

Precision cut gaskets to any shape, size and quantity. In sheets 1.2m x 1.2m for thicknesses 0.75mm, 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 6.4mm. Sheets 0.9m x 9m for thicknesses 0.75mm, 1.5mm, 2mm, 3mm, 5mm.

We reserve the right to alter the specification without notice. Values given may vary according to manufacturing tolerances.

It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required.

DGL-MSS31 Iss 2

Registered Office: Derby Gaskets Ltd; Units 2, 3 & 4 Racecourse Industrial Park, Mansfield Road, Derby, DE21 4SX

Chairman: C. Prince, Directors: S. Prince (Managing), Y. Kennedy (Company Secretary).

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