

NEBAR® BROWN: GENERAL PURPOSE

DESCRIPTION

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

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, F224000M2; 3mm & >3mm, F225000M2.

PHYSICAL PROPERTIES

(Tested to ASTM F104 procedures)	<3mm	>3mm	
Hardness, IRHD	75 to 85	65 to 85	(ASTM D1415)
Tensile strength, MPa min	1.75	1.75	(ASTM F152)
Compressibility @ 2.8N/mm ² , %	15 to 25	20 to 30	(ASTM F36)
Recovery, minimum %	75	75	(ASTM F36)
Fluid resistance, % volume swells in:			
ASTM oil 1, 72h @ 100°C	-3 to +10	0 to +10	(ASTM F146)
ASTM oil 3, 72h @ 100°C	0 to +25	+10 to +30	(ASTM F146)
Fuel A, 22h @ ambient	-5 to +10	0 to +15	(ASTM F146)
BS148 Transformer Oil, 14 days @ 90°C	+23.1	+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 0.9m for thicknesses 0.75mm, 1.5mm, 2mm, 3mm, 5mm.