

TECHNICAL INFORMATION

NEBAR GP2 - GENERAL PURPOSE NITRILE

GP2

Description Cost effective medium hardness Nitrile/SBR based cork jointing with many industrial applications. Moderate resistance to mineral oils and greases, but not intended for continuous operation at temperatures exceeding 80°C.

Typical Properties Material tested to procedures as documented in ASTM F104

		Test Procedure
Base elastomer	Nitrile/SBR	
Thickness (mm)	1.5 to 12.5	
Hardness	65 to 80	ASTM D1415
Minimum tensile strength (MPa)	1.4	ASTM F152
Fluid resistance, volume swells		
ASTM 1 72 hours at 100°C	+6%	ASTM F146
IRM903 72 hours at 100°C	+46%	ASTM F146
FUEL A 22 hours ambient temperatures	+10%	ASTM F146
BS148 Mineral Oil 14 days at 90°C	+50%	ASTM F146
Low temperature flexibility	-25°C	
Maximum operating temperature in fluids	80°C	
Compressibility at 2.8 N/mm ²	20 to 30%	ASTM F36
Recovery minimum	75%	ASTM F36
Normal sheet size	1.2 x 1.0 (1.5 - 12.5mm) 3.0 x 1.0 (1.5 - 6.0mm)	
Flexibility	5d	ASTM F147

Further Information a) Sheets supplied plain and unbranded
b) Refer to Technical Services department for advice on specific applications.

Information in this document and otherwise supplied to users is based on our general experience and is given in good faith but because of particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or implied with respect to such information.

Specifications are subject to change without notice.

Statements of operating limits quoted in this document are not an indication that these values can be simultaneously applied.

A safe handling data sheet on this material is available on request.