

## TECHNICAL INFORMATION

### NEBAR GP1 - GENERAL PURPOSE NITRILE

GP1

**Description** Medium to firm nitrile rubber based cork jointing with good resistance to mineral oils.

**Typical Properties** Material tested to procedures as documented in ASTM F104

		Test Procedure
Base elastomer	NITRILE	
Thickness (mm)	1.5 to 12.5	
Hardness	65 to 80	ASTM D1415
Minimum tensile strength (MPa)	1.72	ASTM F152
Fluid resistance, volume swells		
ASTM 1 72 hours at 100°C	+1%	ASTM F146
IRM903 72 hours at 100°C	+20%	ASTM F146
FUEL A 22 hours ambient temperatures	+5%	ASTM F146
BS148 Mineral Oil 14 days at 90°C	+24%	ASTM F146
Low temperature flexibility	-25°C	
Maximum operating temperature in fluids	110°C	
Compressibility at 2.8 N/mm <sup>2</sup>	15 to 25%	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	3d	ASTM F147

**Further Information** a) Sheets supplied plain and unbranded

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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.