

## TECHNICAL INFORMATION

### NEBAR N75 - SILICONE

N75

**Description** Silicone rubber bonded cork gasket for use in high and low temperature applications. Normally used in mineral oil filled transformers.

**Specification Compliance** ASTM F104 line call out F224000M1

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

		Test Procedure
Base elastomer	SILICONE	
Thickness	1.5 to 13	
Hardness	65 - 80°	ASTM D1415
Minimum tensile strength	2.1 MPa	ASTM F 152
Density	0.9 g/cc	
Fluid resistance, volume swells :		
ASTM 1 70 hours at 100°C	+8%	ASTM F 146
IRM 903 70 hours at 100°C	+18%	ASTM F 146
FUEL A 22 hours ambient temperatures	+75%	ASTM F 146
BS148 Transformer Oil 14 days at 90°C	+27%	ASTM F 146
Low temperature flexibility	-50°C	
Maximum operating temperature in fluids	150°C	
Compressibility at 2.8 N/mm <sup>2</sup>	15 to 25%	ASTM F 36
Recovery minimum	75%	ASTM F 36
Standard sheet size	1.2 x 1.0	

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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.