

TECHNICAL INFORMATION

NEBAR RED - HIGH PRESSURE



Description Designed for high pressure applications, mainly in the heavy electrical and switchgear industry, particularly where higher bolt loadings are required than can be tolerated with other Nebar grades. Normally used in mineral oil or Midel 7131 filled transformers.

Specification DTD 900/4911
Compliance Compliance AFS 721
 ASTM F104 line call out F224000M2

Typical Properties Material tested to procedures as documented in ASTM F104

		Test Procedure
Base elastomer	POLYCHLOROPRENE	
Thickness	0.8 to 13	
Hardness	70 to 85	ASTM D1415
Minimum tensile strength(MPa)	2.35	ASTM F152
Fluid resistance volume swells ASTM F146		
ASTM 1 72 hours at 100°C	-5 to +5%	ASTM F146
IRM903 72 hours at 100°C	+10 to +30%	ASTM F146
FUEL A 22 hours ambient temperatures	0 to +10%	ASTM F146
BS148 Transformer Oil 14 days at 90°C	+10%	ASTM F146
Low temperature flexibility	-30°C	
Maximum operating temperature in fluids	110°C	
Compressibility at 2.8 N/mm ²	10 to 30%	ASTM F36
Recovery minimum	75%	ASTM F36
Normal sheet size	1.2x1.2 1.2x1.0	
Flexibility as supplied	5d	ASTM F147

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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.