

TECHNICAL INFORMATION

NEBAR GREY - PREMIUM NITRILE ELECTRICAL

GREY

Description High quality nitrile rubber bonded cork gasket to ABB specification for transformers and switchgear.

Specification ASTM F104
Compliance Line call out F225000M2

Typical Properties Material tested to procedures as documented in ASTM F104

		Test Procedure
Base elastomer	NITRILE	
Thickness	0.8 to 13	
Hardness	70 to 75°	ASTM D1415
Minimum tensile strength(MPa)	1.75	ASTM F152
Fluid resistance, volume swells		
ASTM 1 72 hours at 100°C	-2 to +10%	ASTM F146
IRM903 72 hours at 100°C	-2 to +15%	ASTM F146
FUEL A 22 hours ambient temperatures	-2 to +10%	ASTM F146
BS148 Transformer Oil 14 days at 90°C	+2%	ASTM F146
DC561 Silicone Fluid, 12 wks at 100°c	-5%	ASTM F146
Low temperature flexibility	-25°C	
Maximum operating temperature in fluids	110°C	
Compressibility at 2.8 N/mm ²	20 to 30%	ASTM F36
Recovery minimum	80%	ASTM F36
Normal sheet size	1.2 x 0.9	
Flexibility as supplied	3d	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.