



## NEBAR ORANGE

### MATERIAL SPECIFICATION SHEET

#### Description

Neoprene/nitrile/SBR bonded cork gasket. An economical, yet high quality product for use in transformers and switchgear.

#### Specification Compliance

ASTM F104 Line call out F 225000 M2

#### Typical Properties

Material tested to procedures as documented in ASTM F104

		Test Procedure
Base elastomer	NEOPRENE/NITRILE/ SBR	
Thickness	1.0 to 13	
Hardness	65 to 80°	ASTM D1415
Minimum tensile strength (MPa)	1.75	ASTM F152
Low temperature flexibility	-30°C	
Maximum operating temperature in fluids	110°C	
Compressibility at 2.8 N/mm <sup>2</sup>	20 to 35%	ASTM F36
Recovery minimum	75%	ASTM F36
Normal sheet size	1.2 x 1.2	
Flexibility	5d	ASTM F147



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Fluid resistance, volume swells		
ASTM 1 72 hours at 100°C	-5 to +10%	ASTM F146
IRM903 72 hours at 100°C	0 to +30%	ASTM F146
FUEL A 22 hours ambient temperatures	0 to +15%	ASTM F146
BS148 Transformer Oil 14 days at 90°C	+5 to +15%	ASTM F146



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