TECHNICAL DATA SHEET

Queensland Gaskets

NP50 PLUS | CORK/RUBBER SHEET

A high cork content, medium compressible material bonded by polychloroprene elastomer. NP50 PLUS conforms to ASTM F104 F229000

TECHNICAL INFORMATION

CHARACTERISTIC	UNIT	VALUE
Material		
Binder	-	Polychloroprene
Cork Granule Size	mm	0.5/2.0
Colour	-	Natural
Physical Characteristics		
Density	kg/m^3	750-900
Hardness	Shore A	60-80
Compressibility at 2.76MPa	%	25-35
Recovery after Compression	%	>75
Tensile Strength	kPa	>2000
Operating Temperature Range	^{0}C	-30 to +110
Flexibility When bent around mandrel 5 x thickness		
Original		No Cracks
ASTM No 1 Oil, 70hr @ 100°C		No Cracks
Oven aged, 70hr @ 100°C		No Cracks
Volume Change after Immersion		
ASTM No 1 Oil, 70hr @ 100°C	%	-5 to +10
ASTM No 3 Oil, 70hr @ 100°C	%	0 to +30
ASTM Fuel A, 22hr @ 23°C	%	0 to +15
Sheet Sizes		
Standard [0.8mm only]	mm x mm	1270 x 1020
Standard [1.6 to 12.7mm]	mm x mm	1270 x 762
Large [1.6 to 12.7mm]	mm x mm	1270 x 1040
Standard Thicknesses	mm	0.8, 1.6, 2.4, 3.2, 4.8, 6.4, 8.0, 9.5, 12.7

APPLICATIONS

The physical characteristics along with moderate oil and fuel resistance and good weather resistance, make this a suitable gasket material for:

- Electrical transformers and switch gear
- Hydraulic equipment
- Heavy industrial situations

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