

K-2000 Non asbestos jointing sheets

TECHNICAL DATA



Applications:

Suitable for high stress condition. It offers a high media resistance to many of the aggressive media. Good sealing and torque retention properties. It can be used for sealing oils, fuels, gases, freons, and general applications in paper and pulp industry for application in pipelines, radiators, boilers and many other instances of flanged joints.

Oil resistant gasket material with excellent thermal, chemical & mechanical properties. Suitable for compressors, pipelines, transmission, gas meters and internal combustion engines, pipe unions & pumps, etc...

General data:

Material composition: aramid fibre, mineral and vegetal fibres.

High quality NBR

Operating conditions:

Max peak temperatura 400° C

Max continuous temperature 270° C

Max continuous temperature with steam 220° C

Max operating pressure 100 Bars

Physical properties:

1-Density 1.70-2.00 gm/cm²

2-Tensile strength

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| (a) ACC to ASTM F 152 (ACROSS GRAIN) | > 7 N/mm ² |
| (b) ACC to DIN52910 (ACROSS GRAIN) | > 5 N/mm ² |

3-Compressibility	ASTM F36A	6-12 %
4-Recovery	ASTM F36A	>50 %
5-Fluid absorption	ASTM F146	
a) In ASTM OIL NO. 3		
INCREASE IN MASS		<10 %
INCREASE IN THICKNESS		< 10 %
b) In FUEL B	ASTM F146	
INCREASE IN MASS		<10 %
INCREASE IN THICKNESS		< 7 %
c) IN WATER/ANTIFREEZE	ASTM F146	
INCREASE IN MASS		<15 %
INCREASE IN THICKNESS		< 5%
6-Ignition Loss	DIN 52911	<30 %
7-Sealability against Nitrogen	DIN 3535	<1.0cm ³ /min
8-Stress Resistance		
16h 300° C	DIN 52913	~25 N/mm ²
16h 175° C	DIN 52913	~30 N/mm ²