

K-3000 Non asbestos jointing sheets

TECHNICAL DATA



Applications:

Suitable for high performance, 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 240° C

Max operating pressure 150 Bars

Physical properties:

1-Density		1.70-2.00 gm/cm ²
2-Tensile strength		
	(a) ACC to ASTM F 152 (ACROSS GRAIN)	>14 N/mm ²
	(b) ACC to DIN52910 (ACROSS GRAIN)	>11 N/mm ²
3-Compressibility	ASTM F36A	5-15 %
4-Recovery	ASTM F36A	>50 %

5-Fluid absorption		ASTM F146	
a)	In ASTM OIL NO. 3		
	INCREASE IN MASS		<10 %
	INCREASE IN THICKNESS		< 8 %
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		< 7 %
6-Ignition Loss		DIN 52911	<30 %
7-Sealability against Nitrogen		DIN 3535	<0.5cm ³ /min
8-Stress Resistance			
	16h 300° C	DIN 52913	~20 N/mm ²
	16h 175° C	DIN 52913	~30 N/mm ²