



# BETAFLEX JOINTING PVT LTD

## Technical Data Sheet

### BETAFLEX T-250 ASBESTOS FREE GASKET JOINTING SHEET



**Applications:**

This product Suitable for low operating pressure, transformers, compressors ,water, oil, fuels, and inert gases for low and medium stress.

**Material Composition(Type of fibres)**

Gasket material Based on Aramid fiber, Organic Fibre.& Mineral Fibre.

**Binders**

NBR

**OPERATING CONDITION**

**Max.Peak Temp**

250°C

**Max. Continuous**

180°C

**Max.Operating Pressure**

70Kg/cm<sup>2</sup>

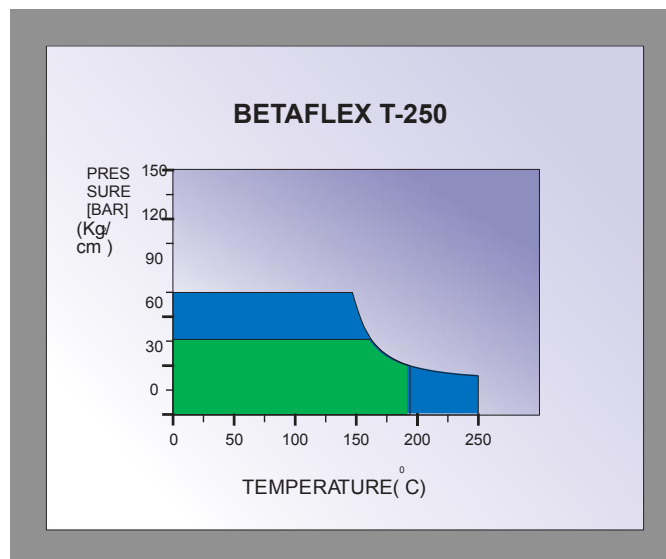
**Physical Properties:**

The following Information applies to material thickness 2.0mm.

S.NO.	PROERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		gm/cm <sup>3</sup>	1.70-2.00
2.	TENSILE STRENGTH			
	(a)ACC to ASTM F 152 (ACROSS GRAIN)		N/mm <sup>2</sup>	>7
	(b)ACC to DIN 52910 (ACROSS GRAIN)		N/mm <sup>2</sup>	>5
3.	COMPRESSIBILITY	ASTMF36A	%	5–15
4.	RECOVERY	ASTMF36A	%	>40
5.	FLUID ABSORPTION	ASTMF146		
	(a)INASTMOILNO.3			
	INCREASE IN MASS		%	<15
	INCREASE IN THICKNESS		%	<10
	(b)IN FUELB	ASTMF146		
	INCREASE IN MASS		%	<10
	INCREASE IN THICKNESS		%	<10
	(c)IN WATER/ANTIFREEZE	ASTMF146		
	INCREASE IN MASS		%	<15
	INCREASE IN THICKNESS		%	<7

6.	IGNITION LOSS	DIN52911	%	<40
7.	SEALABILITY AGAINST Nitrogen	DIN3535	cm <sup>3</sup> /min.	-

Standard Sheet Size		1500x2000mm, 1500x1500mm 1500x4500mm, 1500x3000mm,
Thickness		0.40mm to 6.00mm (For Non-Metallic Range) 0.80mm to 6.00mm (For Metallic Range)
Tolerance	Thickness	<1mm = ±0.10mm >1mm = ±10%
	Length	±50mm
	Width	±50mm



All data quoted above are based on years of experience in production & operation of sealing different items, taking in scope of different number of possible installation & operating conditions one cannot draw final conclusion in all application cases regarding the behaviour in gasket joint. If you have any doubts about the choice of gasket material, please contact us.

## Betaflex Jointing Pvt Ltd

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