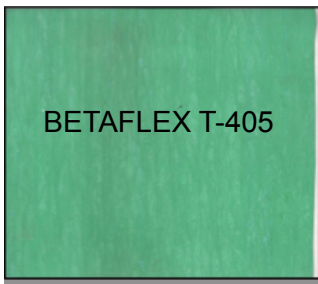




Technical Data Sheet

BETAFLEX T- 405 ASBESTOS FREE GASKET JOINTING SHEET



Applications:

This product Suitable for oil resistance gasket material for medium to higher loading, good resistance to water gases, oils & fuels. A standard sealing material used in compressors, pipelines, apparatus, transmission, gas meters and medium stress conditions.

General data:

Material Composition (Type of fibres)

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

Binders

NBR

OPERATING CONDITION

Max.Peak Temp

405°C

Max. Continuous Temp

250°C

Operating Pressure

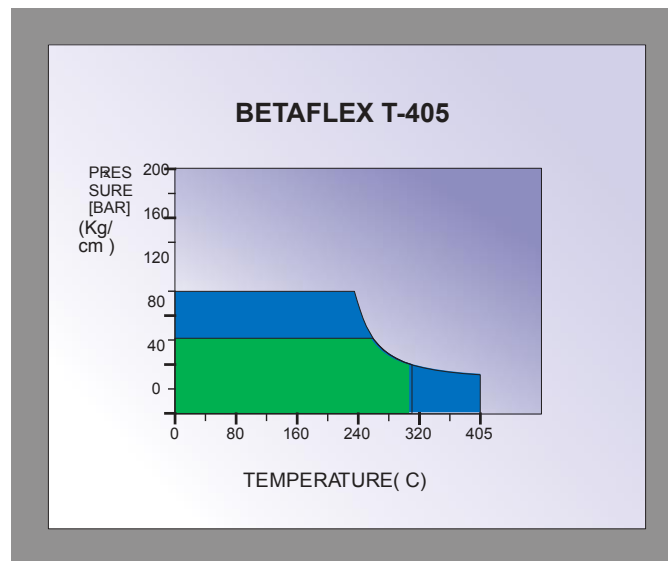
100 KG

Physical Properties:

The following Information applies to material thickness 2.00 mm.

S.N O.	PROPERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		³ gm/cm	1.70 - 2.00
2.	TENSILE STRENGTH			
	(a) ACC to ASTM F152(ACROSS GRAIN)		² N/mm	> 10
	(b) ACC to DIN52910 (ACROSS GRAIN)		² N/mm	> 7
3.	COMPRESSIBILITY	ASTM F36A	%	6- 12
4.	RECOVERY	ASTM F36A	%	> 50
5.	FLUID ABSORPTION	ASTM F 146		
	(a) IN ASTM OIL NO. 3			
	INCREASE IN MASS		%	< 10
	INCREASE IN THICKNESS		%	< 10

	(b) IN FUEL B	ASTM F 146		
	INCREASE IN MASS		%	< 10
	INCREASE IN THICKNESS		%	< 10
	(c) IN WATER/ANTIFREEZE	ASTM F 146		
	INCREASE IN MASS		%	< 15
	INCREASE IN THICKNESS		%	< 7
6.	IGNITION LOSS	DIN 52911	%	< 35
7.	SEALABILITY AGAINST Nitrogen	DIN 3535	³ cm /min.	< 1.0
8.	STRESS RESISTANCE			
	⁰ 16h 300 C	DIN 52913	² N/mm	~ 18
	⁰ 16h 175 C	DIN 52913	² N/mm	~ -



All data quoted above are based on years of experience in production & operation of sealing elements, in view of the wide variety of possible installation & operating conditions one can not draw final conclusion in all application cases regarding the behaviour in gasket joint. Should you have any doubts about the choice of gasket material, please refer to us

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