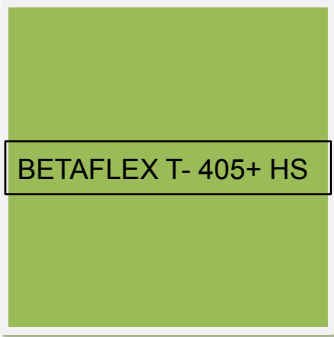




## Technical Data Sheet

### BETAFLEX T- 405+ High Stress (HS) ASBESTOS FREE GASKET JOINTING SHEET



**Applications:**

This product Suitable for high performance, oil resistant gasket material with excellent thermal, chemical & mechanical properties. suitable for fuel, alcohols, gases hydrocarbons, steam, water, cooling liquid, most diluted acid alkalies for high stress conditions.

**General data:**

**Material Composition  
(Type of fibres)**

Mineral Fibre, Synthetic

**Binders**

Fibre Aramid Fibre, High  
quality NBR

**OPERATING CONDITION**

**Max.Peak Temp**

405°C

**Max. Continuous Temp Max.**

320°C

**Continuous Temp.with steam**

250°C

**Max. Operating Pressure**

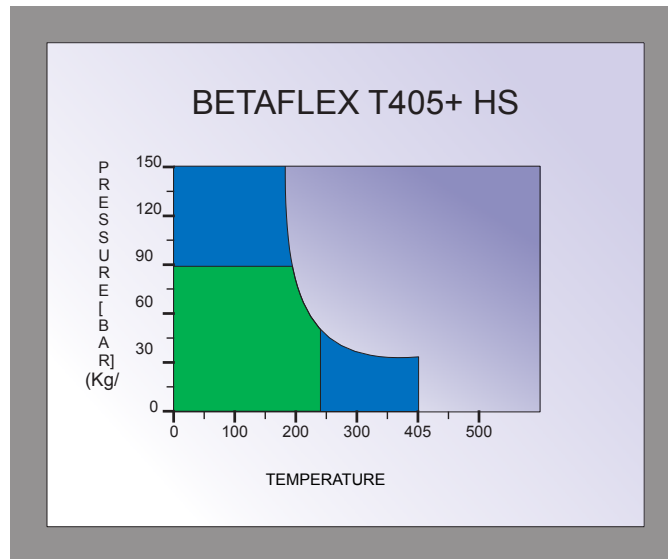
150 Kg/cm

**Physical Properties:**

The following Information applies to material thickness 2.00 mm.

S.N O.	PROER-TIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		<sup>3</sup>	1.70 - 2.00
2.	TENSILE STRENGTH			
	(a) ACC to ASTM F152(ACROSS GRAIN)		<sup>2</sup>	> 14
	(b) ACC to DIN52910 (ACROSS GRAIN)		<sup>2</sup>	> 11
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		%	< 8
	(b) IN FUEL B	ASTM F 146		
	INCREASE IN MASS		%	< 10
	INCREASE IN THICKNESS		%	< 7
	(c) IN WATER/ANTIFREEZE	ASTM F 146		
	INCREASE IN MASS		%	< 15
	INCREASE IN THICKNESS		%	< 7
6.	IGNITION LOSS	DIN 52911	%	< 30
7.	SEALABILITY AGAINST Nitrogen	DIN 3535	<sup>3</sup>	< 0.5
8.	STRESS RESISTANCE			
	<sup>0</sup>	DIN 52913	<sup>2</sup>	~ 20
	<sup>0</sup>	DIN 52913	<sup>2</sup>	~ 30



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.

### Betaflex Jointing Pvt Ltd

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