



TECHNICAL DATA SHEET

Compressed Non Asbestos Filled Gasket Sheet
INMARCO TYPE NA-450

Description:

TYPE NA-450 is a Compressed Non Asbestos filled jointing sheet. It's a high quality CNAF Sheet with Aramid fiber bound with (NBR) Nitrile Butadiene Rubber and Mineral fiber.

Operational Parameters:

Description	Test Method	Specified Value
Density (g/cm ³)	ASTM F 1315	1.69 – 1.9
Compressibility (%)	ASTM F 36 J	7 – 17
Recovery ((%)	ASTM F 36 J	≥40
Tensile Strength (N/mm ²)	ASTM F 152	≥10.5
Creep Relaxation	ASTM F38 B	≤30
Stress Relaxation (16h , 175°C)	DIN 52913	≥15
Gas Sealability (ml/hour.)	ASTM F 37 B	≤1.0
ASTM Oil No. 3 (5h , 150°C)	ASTM F 146	
Thickness Increase (%)		≤10
Weight Increase (%)		≤10
ASTM Fuel B (5h , 23°C)	ASTM F 146	
Thickness Increase (%)		≤10
Weight Increase (%)		≤10
Water (5h , 100°C)	ASTM F 146	
Thickness Increase (%)		≤10
Weight Increase (%)		≤10
Max. Peak Temperature (°C)		350
Max. Operating Temperature (°C)		250
Max. Operating Pressure (bar)		100

Typical Applications:

Good quality non asbestos gasket sheet can be applied in medium like oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalies for medium stress condition etc.

Availability:

Size : L X W (1500mm x 1500mm & 1500mm x 3000mm)
 Thickness : mm (0.5, 0.8, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0 & 5.0)

NOTE : Gasket should not be subjected to both temperature and pressure simultaneously.

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

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