



TECHNICAL DATA SHEET

Compressed Non Asbestos Filled Gasket Sheet with Glass Fiber
INMARCO TYPE NA-452 GF

Description:

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

Operational Parameters:

Description	Test Method	Specified Value
Density (g/cm ³)	ASTM F 1315	1.6 – 1.9
Compressibility (%)	ASTM F 36 J	5 – 15
Recovery ((%)	ASTM F 36 J	≥50
Tensile Strength (N/mm ²)	ASTM F 152	≥10.5
Stress Relaxation (16h , 175°C)	DIN 52913	≥35
Stress Relaxation (16h , 300°C)	DIN 52913	≥25
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)		450
Max. Operating Temperature (°C)		300
Max. Operating Pressure (bar)		120

Typical Applications:

Good quality non asbestos gasket sheet can be applied in oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and high 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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