

TECHNICAL DATA SHEET

Compressed Non Asbestos Filled Gasket Sheet
INMARCO TYPE NA-430

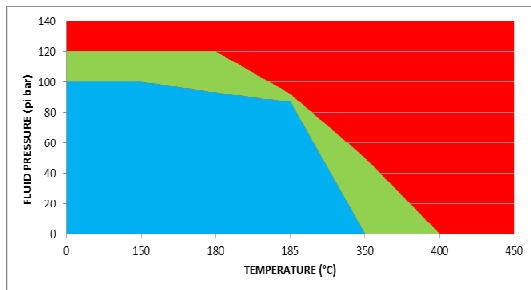
Description:

TYPE NA-430 Non Asbestos Compressed fibre reinforced with SS wire mesh, SS304 grade. Calendered on high performance calendaring machine. The composition of the sheet will be high tenacity Aramid Fibre together with organic fibres bonded with (NBR) Nitrile Butadiene Rubber.

Operational Parameters:

Description	Test Method	Specified Value
Density (g/cm ³)	ASTM F 1315	1.70 – 2.0
Compressibility (%)	ASTM F 36 J	7 – 17
Recovery (%)	ASTM F 36 J	≥40
Tensile Strength (N/mm ²)	ASTM F 152	≥13.7
Stress Relaxation (16h , 175°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)		400
Max. Operating Temperature (°C)		300
Max. Operating pressure (bar)		120

Service Range:



Incase application falls in red zone, please contact our technical cell.

Typical Applications:

A premium metallic grade suitable for oils, fuels, lubricants alcohols, hydrocarbons, steam water cooling liquids, most diluted acid and alkalies for medium stress condition.

Availability:

Size : L X W (1500mm x 1500mm & 1500mm x 3000mm)
 Thickness : mm (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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