

TECHNICAL DATA SHEET

Compressed Non Asbestos Filled Gasket Sheet
INMARCO TYPE NA-442

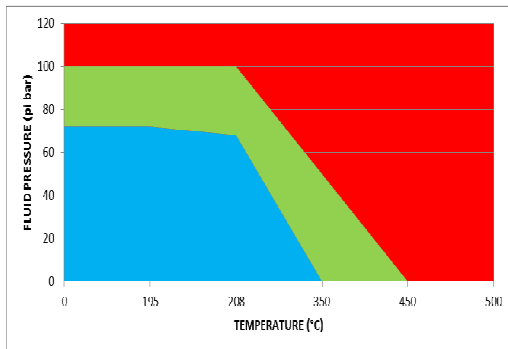
Description:

TYPE NA-442 Compressed Non Asbestos Carbon filled gasket sheet with (NBR) Nitrile Butadiene Rubber as binder. The carbon fibers enhance the performance of sheet material for high temperature and high pressure.

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	≥8
Stress Relaxation (16h , 175°C)	DIN 52913	≥30
Stress Relaxation (16h , 300°C)	DIN 52913	≥20
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)		440
Max. Operating Temperature (°C)		350
Max. Operating Pressure (bar)		100

Service Range:



Typical Applications:

- ✚ Mild acids and alkalis.
- ✚ Hydrocarbons.
- ✚ Alcohol.
- ✚ Lubricants.
- ✚ Gases.
- ✚ Steam & Water.

✚ In case application falls in red zone, please contact our technical cell.

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.

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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