



TECHNICAL DATA SHEET

JAYEM JNA 2059

JOINTING SHEET

Material Description

JAYEM JNA 2059 is a Non asbestos grade produced from combination of Aramid fibre and high quality Nitrile Butadiene Rubber (NBR). Complies to BS7531 Grade X.

Colour

Grey

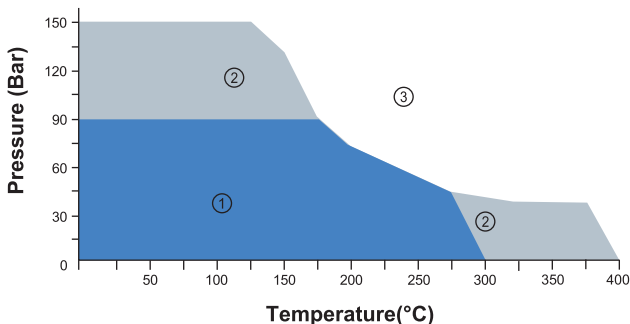
Application

Gasket material suitable for hydrocarbon hot oil, steam for high service conditions in industries.

TYPICAL PHYSICAL PROPERTIES APPLICABLE FOR THICKNESS 1.5 MM

Description	Specification	Unit	Typical Value
Density	ASTM F 1315	gm/cm ³	1.70 - 2.0
Tensile Strength	ASTM F 152	N/mm ² (Min)	10
Compressibility	ASTM F 36 J	%	7 - 12
Recovery	ASTM F 36 J	%(Min)	50
Stress Relaxation/Residual Stress	BS 7531	Mpa (Min)	25
Gas Permeability	BS 7531	ml/min(Max)	0.50
ASTM Oil No 3/IRM 903 (5hrs 150°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	10.0
ASTM Fuel B (5hrs 23°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	10.0
Water (5hrs 100°C)			
Thickness Increase	ASTM F 146	Max%	10.0
Weight Increase	ASTM F 146	Max%	15.0
Ignition Loss	ASTM F 495	Max%	35.0

OPERATING PARAMETERS



Peak/Short Term Temperature	400°C
Continuous Temperature	300°C
Maximum Temperature for Steam	280°C
Maximum Pressure	150 Bar

Guidelines for application:

- ① Suitable subject to chemical compatibility.
- ② Suitable for short term temperature fluctuation or non critical application.
- ③ For extreme conditions, consult manufacturer.

SHEET DIMENSION

Available Size	1000 x 1000 mm, 1000 x 1500 mm, 1500 x 1500 mm, 1500 x 2000 mm, 1500 x 2250 mm, 1500 x 4500 mm
Thickness	0.40 mm to 5.00 mm