



DIRECT GASKETS LIMITED
UNITS 26 - 36
DANSOM LANE SOUTH
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HU8 7LA



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BS7531 GRADE 'Y' NAF

DESCRIPTION

An asbestos free sheet sealing material composed of Kevlar aramid fibres and high temperature resistant mineral fillers, bonded with NBR elastomer.

SERVICE

General service material suitable for a wide range of applications including: hot and cold water, low pressure steam, oils, fuels, gases and a wide range of general chemicals. Suitable for public utilities, chemical plants, oil industry, etc.

Max recommended temperature : SHORT TERM 350°C

Max recommended temperature : OPERATING 250°C

Max recommended temperature : OPERATING STEAM 200°C *

Max recommended pressure : 10MPa / 80 BAR / 1144 PSI

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply to all thicknesses. The operating temperature for non-asbestos sheet materials is related to the thickness of the material. Thinner materials offer better temperature and pressure properties.

APPROVALS/COMPLIANCE

DIN-DVGW (Gas Industry) NG-5123 AO1021

WRAS Potable Water Certificate No. 0008505

Complies with BS specification 7531 Grade Y

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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TYPICAL PHYSICAL PROPERTIES 'Y' NAF

Thickness *		1.5mm *
Density		1.90 g/cc
Tensile Strength	ASTM F152	12.0 MPa
Compression	ASTM F36J	7% to 12%
Recovery	ASTM F36J	60%
Residual Stress	BS7531 40N/mm ² @ 300°C	23 MPa
Gas Leakage	BS7531	<0.5ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%

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