



DIRECT GASKETS LIMITED
UNITS 26 - 36
DANSOM LANE SOUTH
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GRAFTEC

DESCRIPTION

An asbestos free sheet sealing material combining graphite, aramid fibres and a rubber binder.

SERVICE

Graftec material is 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 400°C

Max recommended temperature : OPERATING 300°C

Max recommended temperature : OPERATING STEAM 250°C *

Max recommended pressure : 10MPa / 100 BAR / 1500 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

BAM (Oxygen) up to 90°C, 160 BAR

WRAS Potable Water Certificate No. 0004502

Complies with BS specification 7531 Grade X

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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Thickness *		1.5mm *
Density		1.65 g/cc
Tensile Strength	ASTM F152	13.0 MPa
Compression	ASTM F36	11%
Recovery	ASTM F36	55%
Residual Stress	BS7531 (300°C)	26 MPa
	DIN 52913	31 MPa
Gas Leakage	BS7531	<1.0 cc/min
ASTM Oil 1	Thickness Increase	1.0%
IRM 903 Oil	Thickness Increase	2.5%
ASTM Fuel B	Thickness Increase	2.5%

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