



DIRECT GASKETS LIMITED
UNITS 26 - 36
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KLINGERSIL C4400

DESCRIPTION

An economic grade based on a mixture of aramid and glass fibres, with a nitrile rubber binder. Klingsil C4400 also has an anti-stick finish on both sides.

SERVICE

Good resistance to: oils, hydrocarbons and low pressure steam and water. Very successful in internal combustion engine applications.

Max recommended temperature : OPERATING 400°C

Max recommended temperature : OPERATING STEAM 150°C

Max recommended pressure : 65 BAR

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

Complies with BS specification 7531 Grade Y

Fire safe HTB 90.0223.39.0

BAM U W28 for use with oxygen 100°C & 80 Bar

DIN-DVGW

SVGW 95-053-7

KTW X 027/95/st

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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TYPICAL PHYSICAL PROPERTIES KLINGERSIL C4400

Compression	ASTM F36A	11%
Recovery	ASTM F36A	55%
Stress Relaxation DIN52913	50MPa, 16h/175°C	32MPa
	50MPa, 16h/300°C	25MPa
Stress Relaxation BS7531		23MPa
Klinger cold/hot compression (50MPa)	Thickness decrease 23°C	10%
	Thickness decrease 300°C	20%
Gas leakage	DIN 3535/6	0.02ml/min
Thickness after fluid	Oil nr.3:5h/150°C	3%
Immersion ASTM F146	Fuel B:5h/23°C	5%
Chlorides	(soluble)	150ppm
Density		1.6g/cm ³

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