



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



TELEPHONE: 01482 219655
FAX: 01482 321162

EMAIL: info@direct-gaskets.co.uk
WEBSITE: www.direct-gaskets.co.uk

KLINGERSIL C4500

DESCRIPTION

Top quality fibre based on carbon fibre with a nitrile binder.

SERVICE

Outstanding resistance to alkaline and steam.

Max recommended temperature : OPERATING 400°C

Max recommended temperature : OPERATING STEAM 250°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 X

Fire safe API 6 FA, HTB

BAM U W28 for use with oxygen

DIN-DVGW

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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



TELEPHONE: 01482 219655 EMAIL: info@direct-gaskets.co.uk
 FAX: 01482 321162 WEBSITE: www.direct-gaskets.co.uk

TYPICAL PHYSICAL PROPERTIES KLINGERSIL C4500

Compression	ASTM F36A	12%
Recovery	ASTM F36A	60%
Stress Relaxation DIN52913	50MPa, 16h/300°C	32MPa
Stress Relaxation BS7531		30MPa
Klinger cold/hot compression (50MPa)	Thickness decrease 23°C	10%
	Thickness decrease 300°C	15%
Gas leakage	DIN 3535/6	<1.0ml/min
Thickness after fluid	Oil nr.3:5h/150°C	3%
Immersion ASTM F146	Fuel B:5h/23°C	5%
Density		1.4g/cm ³

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION