



# KLINGERSIL

## C - 4324



An economic grade based on a mixture of aramid and glass fibres with a nitrile rubber binder. Suitable for general industrial service including oils, hydrocarbons, low pressure steam and water.

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service.

### GENERAL PROPERTIES

- » Economical
- » Good resistance to oils, fuels, hydrocarbons, steam etc
- » Excellent resistance to gas leakage
- » Meets non-asbestos standard BS7531 Grade Y
- » Anti-stick finish on both sides

### TESTS AND CERTIFICATIONS

- » BS 7531 Grade Y
- » DIN-DVGW
- » SVGW 95-043-7
- » KTW C 027/95/st
- » WRAS Approved
- » Germanischer Lloyd 98951-97 HH

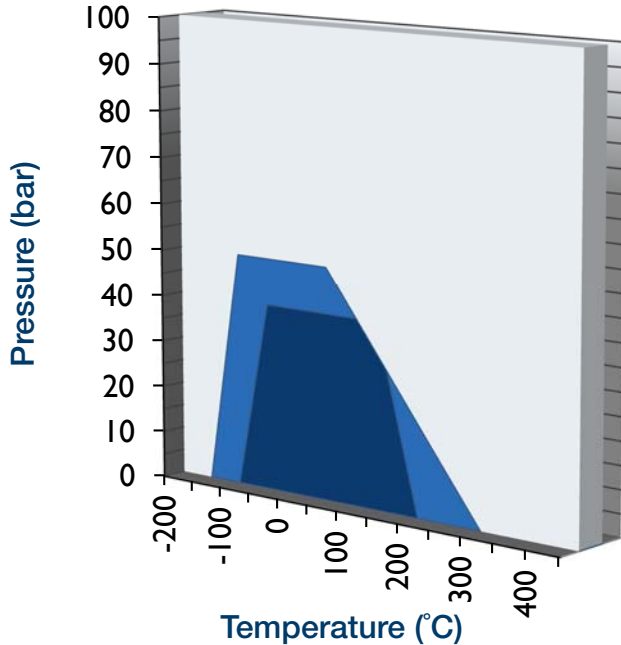
### AVAILABILITY

- » Sheeting (m): 2.0 x 1.5\*, 4.0 x 1.5
- » Thickness (mm): 0.4, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0

\* - Denotes standard sheet size

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## APPLICATION GUIDELINES



- Caution: May be suitable but essential that you refer to Klinger for advice
- Usually Satisfactory, but suggest you refer to Klinger for advice
- Usually Satisfactory to Use Without Reference

NOTE: Chemical compatibility must be considered in all cases.

## TYPICAL SPECIFICATIONS (Typical values for 1.5mm thick material)

PROPERTIES	CONDITIONS	VALUES
Compressibility ASTM F 36 J		10%
Recovery ASTM F 36 J		55%
Stress relaxation DIN 52913	50MPa, 16h/300°C	20MPa
Stress relaxation BS 7531	40MPa, 16h/300°C	23MPa
Klinger cold/hot compression (50MPa)	Thickness decrease 23°C	11%
	Thickness decrease at 300°C	25%
Gas leakage according to		<0.1ml/min
Chlorides (soluble)		150ppm
Thickness increase after fluid	Oil nr.3:5h/150°C	0-5%
	Fuel B:5h/23°C	0-10%
Density		1.85g/cm <sup>3</sup>

### HEAD OFFICE

KLINGER Ltd  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG

Tel: 01274 688 222  
Fax: 01274 688 549  
www.klinger.co.uk  
enquiries@klingeruk.co.uk



FM 602916

FM 10571

OHS 570166

EMS 570165

### KLINGER RUNCORN

Tel: 01928 577 030  
Fax: 01928 575 233

### KLINGER SOUTHAMPTON

Tel: 02380 611 855  
Fax: 02380 610 360

### KLINGER ABERDEEN

Tel: 01224 772 962  
Fax: 01224 772 953

### KLINGER IMMINGHAM

Tel: 01469 575 289  
Fax: 08449 676 779

### KLINGER MIDDLESBROUGH

Tel: 01642 220 289  
Fax: 01642 220 290

### KLINGER GRANGEMOUTH

Tel: 01324 472 231  
Fax: 01324 482 111