



KLINGER TOPLINE K46

Carbon Fibre Yarn With Graphite
And Lubricant



A carbon based high performance multiservice packing for both valve and pump applications.

Klinger TopLine packing range has been selected to provide users with gland sealing products that meet today's demanding services, offering effective and trouble-free sealing during application. To achieve this goal we have selected the best materials and the best production methods.

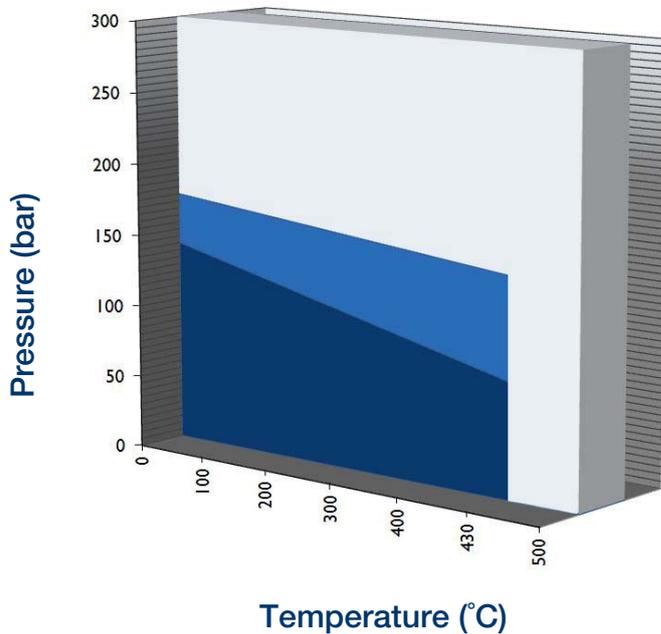
GENERAL PROPERTIES

- » Virtually resistant to all media over an extensive range of pressures and temperatures.
- » An economic alternative to pure graphite packings while offering reliable sealing performance in both valve and pump applications.
- » The addition of graphite improves the packings overall capability in dynamic applications and also acts as a further blocking agent to improve sealing.
- » Can be used as a header and footer ring for graphite ribbon packings like K3222 and K3222W

AVAILABILITY

SIZE (MM)	LENGTH (M)	SIZE (MM)	LENGTH (M)
3.2 x 3.2	8	12.5 x 12.5	8
5.0 x 5.0	8	14.0 x 14.0	8
6.5 x 6.5	8	16.0 x 16.0	8
8.0 x 8.0	8	19.0 x 19.0	8
9.5 x 9.5	8	22.0 x 22.0	8
11.0 x 11.0	8	25.0 x 25.0	8

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

PROPERTIES	VALUES
Min. Temperature	-240°C
Max. Steam Temperature	650°C
Max. Temperature	430°C
Max. Static Pressure	200 Bar
Max. Dynamic Pressure	8 Bar
Max. Speed	20 m/s
pH Range	0-14

This packing should not be subjected to maximums of temperature, pressure and speed simultaneously.

HEAD OFFICE

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KLINGER RUNCORN

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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