



# KLINGER TOPLINE K4322

PTFE Yarn Packing With Graphite  
Lubricant



A packing based on graphite enhanced PTFE. Allowing effective, long lasting sealing in both valves and high-speed pumps.

Klinger K4322 packing is manufactured from PTFE filaments, which have been pre-treated with a graphite based lubricant.

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.

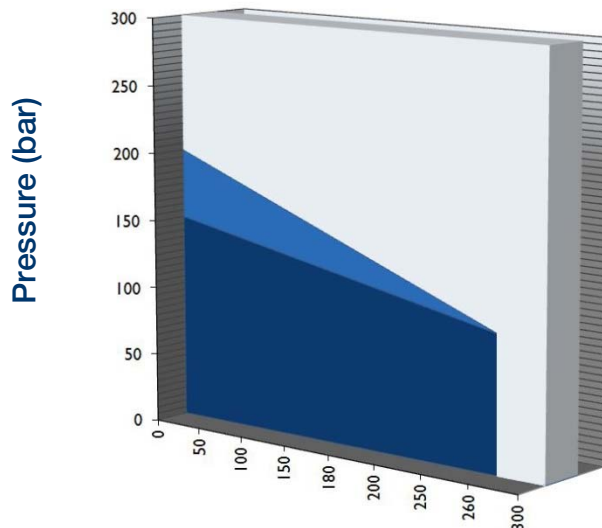
## GENERAL PROPERTIES

- » Virtually resistant to all media including strong acids and alkalis.
- » Klingerlock braided offering excellent sealing & reliability in high performance duties.
- » Graphite treatment which allows rapid dispersion of heat improving performance in dynamic applications.
- » Due to its wide service capabilities K4322 TopLine packing offers the user a packing material with excellent sealing life and the option of reducing the variety of packings that must be held as stock.

## 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	280°C
Max. Temperature	280°C
Max. Static Pressure	300 Bar
Max. Dynamic Pressure	25 Bar
Max. Speed	22 m/s
pH Range	0-14

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

### HEAD OFFICE

KLINGER Ltd  
 Wharfedale Road  
 Euroway Trading Estate  
 Bradford BD4 6SG

Tel: 01274 688 222  
 Fax: 01274 688 549  
[www.klinger.co.uk](http://www.klinger.co.uk)  
[enquiries@klingeruk.co.uk](mailto: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