



# KLINGER TOPLINE K3222W

Inconel® Reinforced Exfoliated Graphite  
Ribbon Packing



High performance valve pump packing for high pressure, high temperature applications. Offering excellent sealing and operational reliability for both Original Equipment Manufacturers and plant users alike.

The inclusion of Inconel wire reinforcement ensures that K3222W has excellent dimensional stability and will operate under high stress conditions.

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.

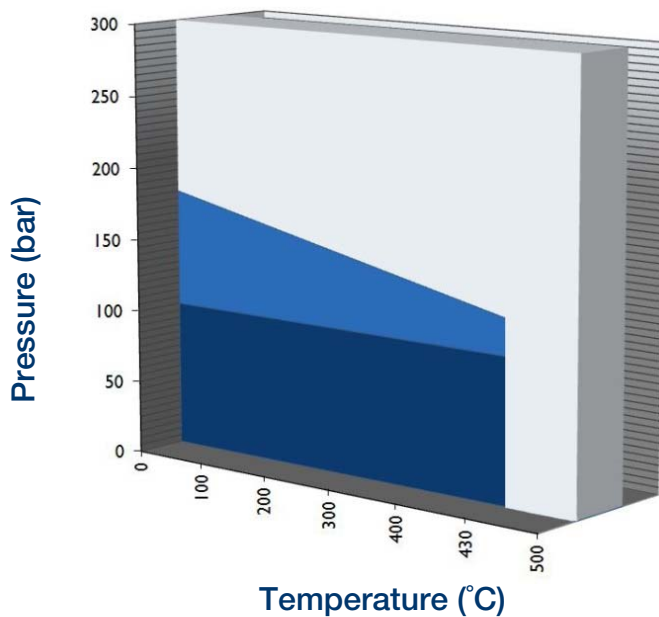
## GENERAL PROPERTIES

- » Suitable for a wide range of chemical media including steam, oils, grease and many acids and alkalis.
- » Manufactured from expanded graphite ribbons to produce a compression packing of square cross-section that is fully flexible meaning minimal gland pressure is required to affect a seal.
- » K3222W is self-lubricating packing with superior gliding properties. Its soft, conformable nature ensures that there is no abrasion of moving parts and that graphite pick-up on stems and shafts is minimised
- » The packing has excellent thermal conductivity and resilience and is therefore unaffected by the effects of cycling temperature or pressure.

## 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	-200°C
Max. Steam Temperature	650°C
Max. Temperature	430°C
Max. Static Pressure	300 Bar
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  
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