



# KLINGER TOPLINE K3222

Exfoliated Graphite Ribbon Packing



The cost-effective, high performance valve & pump packing. Offering excellent sealing and operational reliability for both Original Equipment Manufacturers and plant users alike.

Klinger TopLine packing range introduced 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.

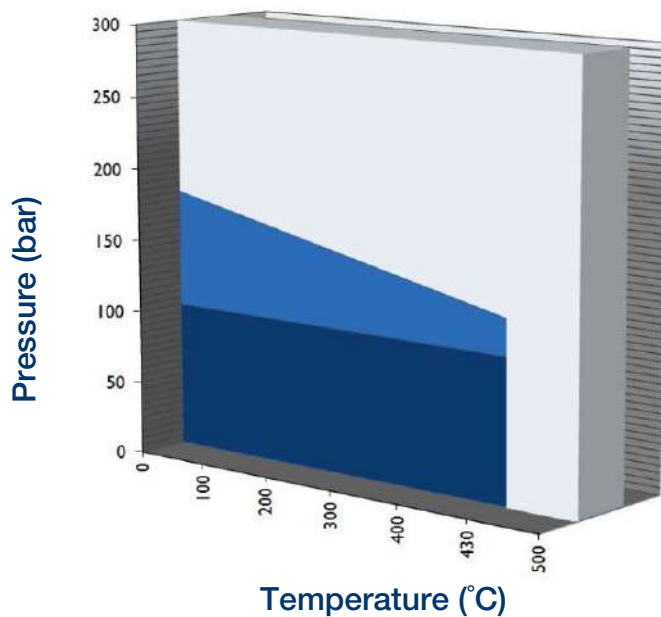
## GENERAL PROPERTIES

- » 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.
- » K3222 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	280 Bar
Max. Speed	20 m/s
pH Range	0-14

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