



# KLINGER TOPLINE K40

Carbon Fibre Yarn and Inconel® Wire Reinforcement



An exceptional packing combining high-purity carbon, micro-fine wires of Inconel® and a lubricant of selected non-migratory graphite to produce a product for sealing valve glands in high pressure and high temperature applications.

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.

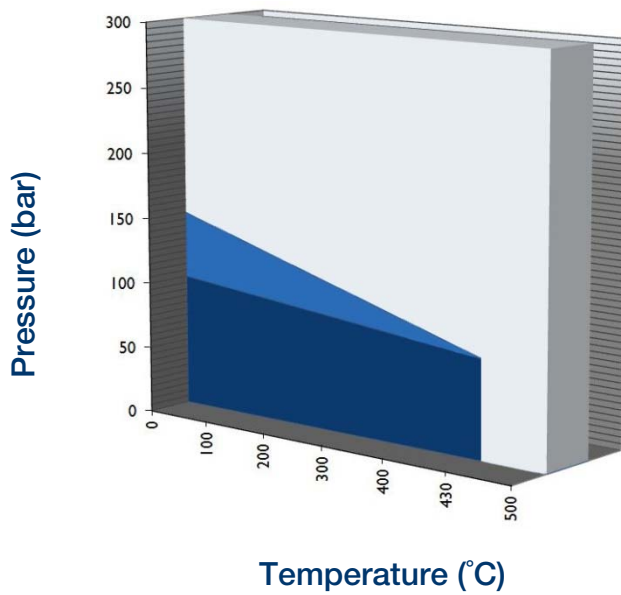
## GENERAL PROPERTIES

- » K40 has excellent chemical resistance and is unaffected by the majority of acids, alkalis, solvents and greases.
- » The incorporation of Inconel wire enhances the packing performance in high pressure steam applications
- » Header and footer rings for graphite ribbon packings like K3222 and K3222W.
- » The additional graphite lubricant improves the sealing effect of K40, producing a dense non-porous matrix. It also improves the frictional properties of the packing, to allow easy operation of any valve stem once installed.

## 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	-100°C
Max. Steam Temperature	650°C
Max. Temperature	430°C
Max. Static Pressure	200 Bar
Max. Speed	5 m/s
pH Range	0-14

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



Klinger Portugal, Lda.  
Via José Régio, 36  
Centro Empresarial Vilar do Pinheiro  
4485-860 Vila do Conde  
T: +351 22 947 0910  
E-mail: geral@klinger.pt

Delegação Lisboa  
Rua de Cabo Verde, 8  
Prior Velho 2685-316  
T: +351 21 940 6620  
E-mail: lisboa@klinger.pt