



# KLINGER TOPLINE K44

Graphite Yarn With Blended Graphite and PTFE Lubricant



A high purity, high performance, graphite based multiservice packing for both valve and pump applications.

The base graphite yarn means the packing has excellent capability in dynamic applications and the additional graphite lubricant acts as a further blocking agent to improve sealing.

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

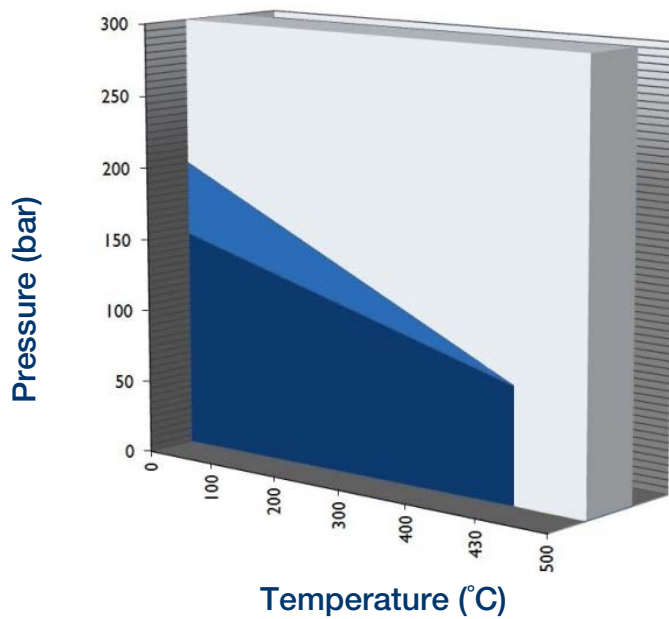
- » Virtually resistant to all media over an extensive range of pressures and temperatures.
- » Klingerlock braided yielding a packing that is consistently dense with excellent volumetric stability.
- » Although frequently employed on its own, the packing can be used as part of a specialised composite set in conjunction with either K3222 packing or K35 die-formed rings. Within these sets K44 acts as both supporting anti-extrusion rings and wiper rings.

## 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

- » Also Available with additional PTFE lubricant; K44PL

## 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	150 Bar
Max. Dynamic Pressure	8 Bar
Max. Speed	30 m/s
pH Range	0-14

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



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