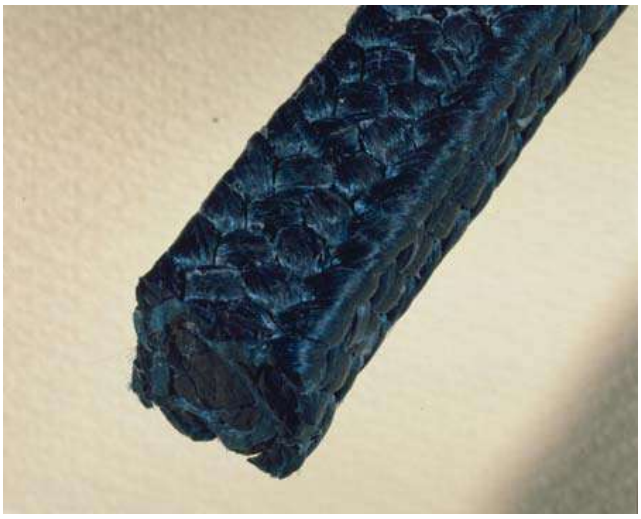
KLINGER TOPLINE K4333

Polyimide-Fibre Yarn With PTFE Lubricant



A universal packing, using lubricated polyimide filaments to produce a TopLine grade able to perform reliably in a wide range of services and equipment.

The base yarn of K4333 is composed of synthetic polyimide filaments which have excellent mechanical properties in terms of overall strength and elongation. It is manufactured by the Klingerlock braiding process, during which we add an additional PTFE based lubricant. This enhances the packings performance in dynamic applications.

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 water, steam, oil, hydrocarbons and weak acids.

» The polyimide base structure of K4333 ensures the packing has excellent temperature resistance. Normally low gland loads will achieve a satisfactory seal.

» K4333 has a wide tolerance to chemical media and is particularly suited to acid applications where control of leakage is of importance and PTFE types lack the required mechanical strength to affect an efficient seal.

» Where shaft wear is a problem, K4333 can be employed as a good alternative to aramid based packings. In practice it significantly reduces wear rates when compared to many other packing types.

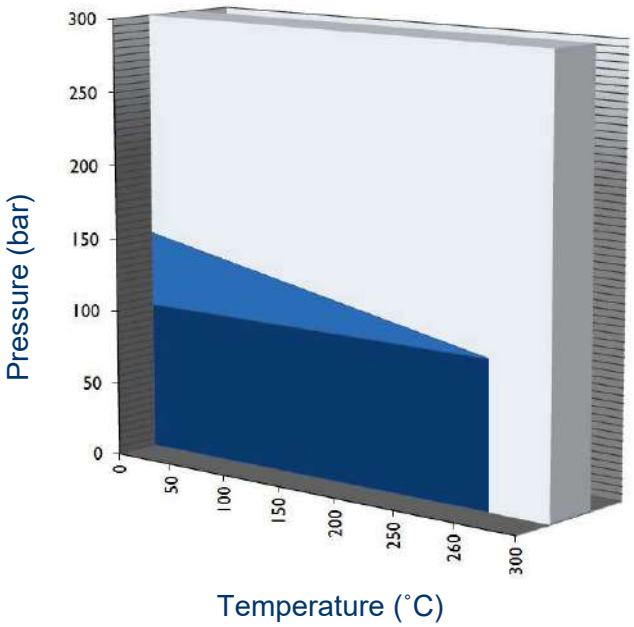
TESTS AND CERTIFICATION

» WRAS Approval for use with potable water

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	-80˚C
Max. Steam Temperature	260˚C
Max. Temperature	260˚C
Max. Static Pressure	200 bar
Max. Dynamic Pressure	50 bar
Max. Speed	10 m/s
pH Range	0-13

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

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