



Klinger 54H

An excellent choice for plant wide use especially when a clean, non-contaminating packing is required with a high degree of chemical resistance.

K54H is only one of the Klinger TopLine range of compression packings.

This is an optimised range introduced by Klinger 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. The result is the Klinger TopLine packing range.

Ongoing Test & Development in line with Klinger philosophy will ensure the continued improvement of the TopLine products.

- *There is a requirement for white PTFE packing in "pure" form that can give a higher peripheral speed capability with minimum performance sacrifice.*
- *Klinger 54H is manufactured from PTFE filaments to which we incorporate a mineral based lubricant that provides improved performance within dynamic applications.*
- *PTFE is extremely resistant to a wide range of chemicals, as a result K54H can be used even in the most aggressive alkaline and acidic media.
(please contact KLINGER for a full listing)*
- *Most glands that are packed with K54H need little adjustment after the initial installation.*
- *Due to its resilience and versatility standardising on K54H can reduce stock holding and maintenance requirements.*



BS EN 9100:2003, ISO 9001:2008
Certificate no: FM 10571

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TopLine Packing 54H

Service Capabilities

When used in equipment in good mechanical condition and installed using our product guidelines the undernoted values apply:

- Minimum operating Temperature **-240°C**
- Maximum operating temperature **260°C**
- Maximum steam temperature **260°C**
- pH **0-14**
- Maximum rotary pressure **10 bar**
- Maximum recip pressure **2 bar**
- Maximum running speed **10 m/s**

Note: The packing should not be subjected to the maximums of temperature, pressure and speed simultaneously, for further advice please contact our technical department.

Forms of Supply

Klinger packings are offered in a range of standardised packages:

Size:
3mm to 25mm

Length:
8 metres per box

by weight:
sizes under 9.5mm 1kg/box
9.5mm to 12.5mm 2kg/box
sizes over 12.5mm 4kg/box

Alternative lengths and weights can be offered upon request, please contact Klinger for further details.

Klinger 54H is suitable for use as a general valve and pump packing within many industries, for example;

- Pulp & Paper Mills
- Petrochemical Plants
- Cryogenic Industries
- Refineries
- Pharmaceutical Industries
- Chemical Processing

Technical Advice

If you require additional technical information or would like Klinger to advise you on a particular application, then contact our Technical Department at the address shown.

It is advantageous to provide the following details:

1. Type of valve or pump
2. Working and test pressure
3. Temperature - steady or cycling
4. Rate of pressure & temperature increase
5. Medium and concentration
6. Operating speed
7. Special requirements
8. Details of stuffing box design