



# Klinger 2160

**A solid plaited packing using flax yarns impregnated with a tallow lubricant and graphite to produce a general valve and pump packing.**

*Since there was a requirement for fluid sealing, flax packings have played their part. Not surprisingly they still do, although their popularity is declining in favour of products which are more expensive but give better service life.*

*Nevertheless we include variations of this product in our range partly because of their popularity but also because that they will remain popular in applications that do not require sophisticated sealing systems. Indeed there have been developments of the base flax fibre in that new techniques have been better employed giving better lubricant penetration and new lubricants giving this traditional fibre improved service life.*

▪ *Klinger 2160, is a flax yarn packing with graphite impregnation. The result is an economical packing where more sophisticated grades are not appropriate.*

▪ *A solid plaited packing, squared and specially finished yielding a soft, readily conformable material.*

▪ *The packing is suitable for use in hydraulic rams, valves, reciprocating pumps.*

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aerospace  
sector  
certification  
scheme

## Service Capabilities

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

- Minimum operating Temperature    **-40°C**
- Maximum operating temperature    **95°C**
- pH    **6 - 10**
- Maximum static pressure    **100 Bar**
- Maximum rotary pressure    **10 Bar**

**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 32mm**

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 2160 is suitable for use as a general packing within many industries, for example:**

- General factory
- Plant maintenance

**Typical examples of equipment are; centrifugal pumps, mixers, agitators etc.**

## 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