


Fitting Guide for Lofilm® — hydraulic packing set for rods/glands


i This packing set is not intended to be axially compressed, and should be used in a fixed depth housing. The depth of the set is deliberately shorter than the housing so that the necessary floating conditions can be established.

- 1**




For Health & Safety reasons, shut down the hydraulic system before installing your new packing set.

Shut off power
- 2**




Check the packing rings, gland housing and rod. Ensure that each ring is correct size for rod/gland, and housing is suitable for the packing set.

Check sizes of rings, rod & housing
- 3**



Remove all components of old seal, then thoroughly clean the gland housing.

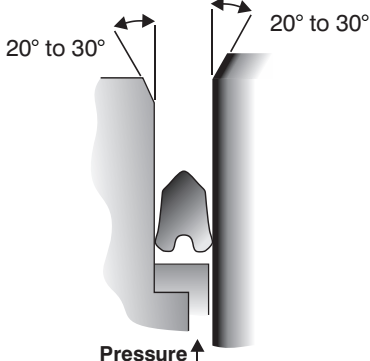
Remove old seal and clean the housing
- 4**



Lightly lubricate rings and housing with the hydraulic fluid prior to assembly. Occasional applications of a suitable lubricant to rods during service will prolong the life of the packing set.

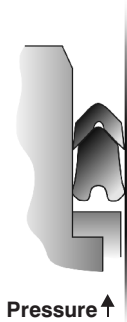
Lubricate rings & housing

A: Endless Lofilm®

- 5_a**
- 
- Insert rubber header ring into the housing with grooved face of ring facing the positive pressure. Ensure sealing surfaces are not damaged. Push the ring well into the housing.
- Insert header ring**

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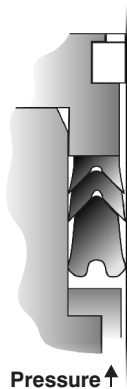
6_a



Insert intermediate ring (or rings), taking care not to damage the lips.

Insert intermediate ring/s

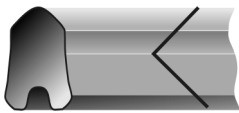
7_a



Fit gland ring in a similar manner. Then tighten the gland follower hard against the cylinder face. Ensure the packing set is not axially compressed.

Insert gland ring. Tighten follower; do not compress the seal

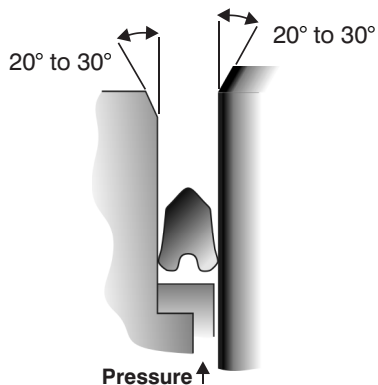
B: Split-type Lofilm®



Bird-lip cut for split-type Lofilm®

(i) Rings that are Bird-lip cut are intentionally tight on the outside diameter when fitted. Do not trim.

5_b

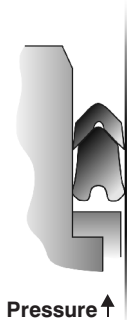


Insert bird-lip join of rubber header ring into the housing with grooved face of ring facing the positive pressure. Then insert remainder of ring. Ensure sealing surfaces are not damaged. Push ring well into housing.

Insert header ring, join area first

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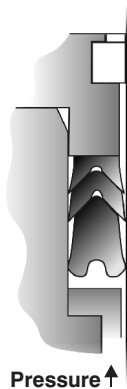
6_b



Insert intermediate ring (or rings), into housing with each join area 90° from that of previous ring. Take care not to damage the lips.

Insert intermediate ring/s splits first. Stagger joins by 90°

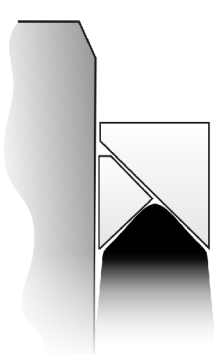
7_b



Fit gland ring in similar manner. Then tighten the gland follower hard against the cylinder face. Ensure the packing set is not axially compressed.

Insert gland ring. Tighten follower; do not compress the seal

C: Self-aligning Gland Rings



When installing Self-aligning Gland Rings, ensure they are correctly oriented for shaft sealing duties.

Ensure correct orientation of rings

Material Safety Data Sheets are available on request

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Health warning: If fluoroelastomer (eg, FKM, FFKM, FEPM) products are heated to elevated temperatures, fumes will be produced which may give unpleasant effects, if inhaled. Whilst some fumes are emitted below 250°C from fluoroelastomers, the effect at these temperatures is negligible. Care should be taken to avoid contaminating tobacco with particles of fluoroelastomer which may remain on hands or clothing.

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To ensure you are working with the very latest product specifications, please consult the relevant section of the James Walker website: www.jameswalker.biz.

CPC: Lofilm Level 09 AM08 IA02 071112