

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

**i** This packing set needs very slight axial compression in its housing

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 (including join areas) 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**

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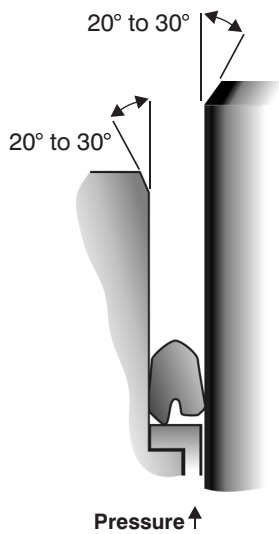
### A: Endless Lofilm® HD

**i** Note: Only the header ring is endless; intermediate rings and gland rings are supplied in split form



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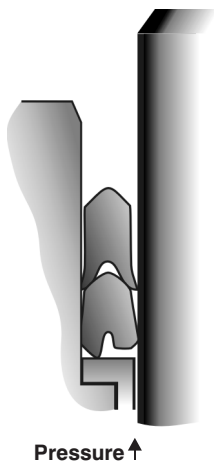
5<sub>a</sub>



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 firmly to bottom of the housing.

**Insert header ring**

6<sub>a</sub>

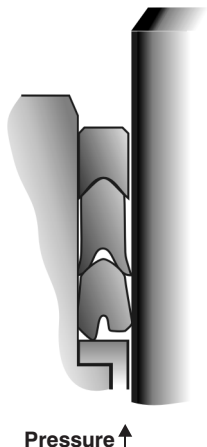


Insert intermediate ring (or rings), taking care not to damage the lips. Join area must be entered first, and splits must be staggered by 90°. Note that intermediate rings are deliberately over size. Do not trim.

**Insert intermediate ring/s. Stagger joins by 90°**

**i** A non-metallic V-slotted fitting tool will assist in pushing the intermediate rings into position

7<sub>a</sub>

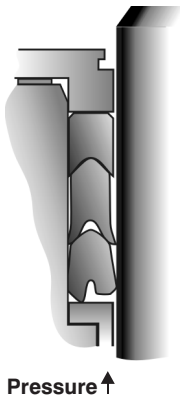


Fit gland ring in similar manner.

**Insert gland ring**

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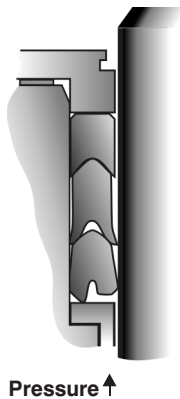
8<sup>a</sup>



Ensure all rings are firmly seated. Select and insert metal spacers so that the gland follower just touches the gland ring. Tighten gland follower evenly into position.

**Insert spacer of correct thickness.  
Install gland follower**

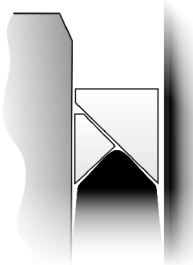
### B: Split-type Lofilm® HD



Install as for Endless Lofilm® HD, but ensure split-type header is inserted with join area first, and remaining rings have join areas staggered by 90°.

**Install as for Endless Lofilm® HD, but with split header**

### 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](http://www.jameswalker.biz).

CPC: Lofilm HD Level 08 Am07 RC01 IA03 160812