





Fitting Guide for Lionsele® G — compact hydraulic seal for rods/glands

①  For Health & Safety reasons, shut down the hydraulic system before installing your new seal. **Shut off power**

②  Check the seal, gland housing and rod. Ensure that seal is correct size for rod/gland, and housing is suitable for the seal. **Check sizes of seal, housing & cylinder**

③  Remove old seal, then thoroughly clean the seal housing. **Remove old seal. Clean the housing**

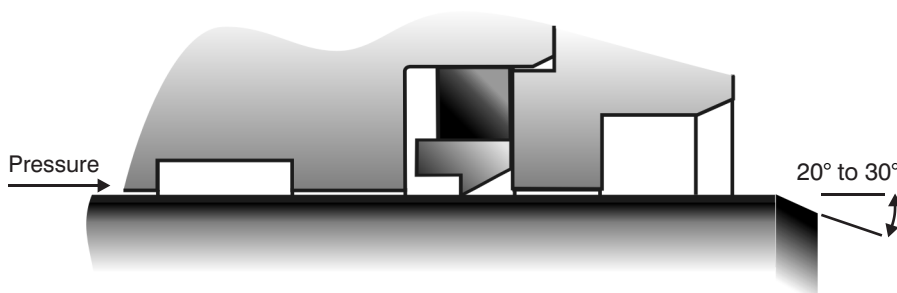
④  Lightly lubricate the rubber and PTFE components of the seal, and the housing, with the hydraulic fluid prior to assembly. **Lubricate seal & housing**

ⓘ The step in the PTFE element of Lionsele® G must face the positive pressure.

⑤ Multi-component housing

Insert the rubber energiser into the exposed seal cavity. Ensure it is evenly seated around the entire circumference. Then insert the PTFE element so that the step faces the positive pressure. Reassemble the housing.

Insert rubber energiser, then PTFE element. Reassemble housing.

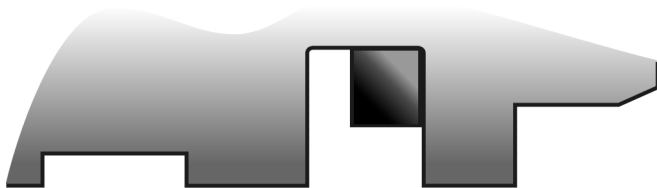


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6_a Fully-enclosed housing

Remove rod, and insert the rubber energiser into seal cavity. Ensure the energiser is evenly seated around the entire circumference.

Insert rubber energiser. Ensure it is seated evenly



6_b



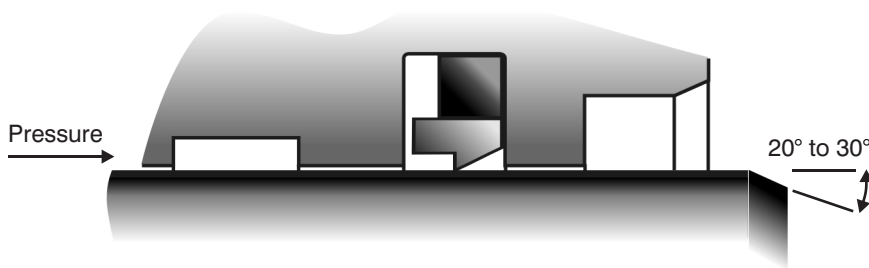
Distort the PTFE element in crescent fashion, as shown, and open it out into the seal cavity. Ensure that the step in the element faces the positive pressure.

Distort and open PTFE element into place

6_c

Carefully re-insert rod back into position.

Carefully re-insert rod



i Take care not to scratch the PTFE element.

Material Safety Data Sheets are available on request

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Health warning: If PTFE or 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 or below 300°C from PTFE, the effect at these temperatures is negligible. Care should be taken to avoid contaminating tobacco with particles of PTFE or fluoroelastomer, or with PTFE dispersion, which may remain on hands or clothing.

Information in this publication and otherwise supplied to users is based on our general experience and is given in good faith, but because of factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to such information. Unless governed by type approval or contract, specifications are subject to change without notice. Statements of operating limits quoted in this publication are not an indication that these values can be applied simultaneously.

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: Lionsele G 06 Level 06 AM05 RC01 IA02 180512