

FLUID POWER SEALING SOLUTIONS

# APPLICATION REQUEST FORM

POLYMER SEALS

# Engineering Action Request Form

**CONTACT INFORMATION**

Name \_\_\_\_\_ Date \_\_\_\_\_  
 Company \_\_\_\_\_ Address \_\_\_\_\_  
 Telephone \_\_\_\_\_ e-mail \_\_\_\_\_  
 Customer \_\_\_\_\_

**New Tooling Only** (Fill out profile and material below)

Seal Profile or Description \_\_\_\_\_ Material \_\_\_\_\_

**OPERATING CONDITIONS**

<input type="checkbox"/> static	<input type="checkbox"/> reciprocating	<input type="checkbox"/> rotary	<input type="checkbox"/> oscillating
Pressure: psi <input type="checkbox"/> bar <input type="checkbox"/> Operating _____ Min _____ Max _____ Direction: <input type="checkbox"/> Unidirectional pressure <input type="checkbox"/> Bidirectional pressure Vacuum: Yes <input type="checkbox"/> No <input type="checkbox"/>	Speed: ft/min <input type="checkbox"/> m/s <input type="checkbox"/> Stroke length _____ Cycles/min _____  RPM _____	Temperature: C <input type="checkbox"/> F <input type="checkbox"/> Continuous _____ Min _____ Max _____	Media _____ Gas <input type="checkbox"/> Liquid <input type="checkbox"/>  Name _____

Describe existing seal problem or expectation: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

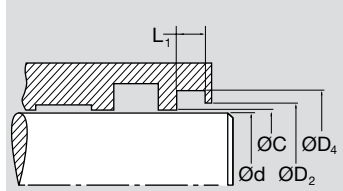
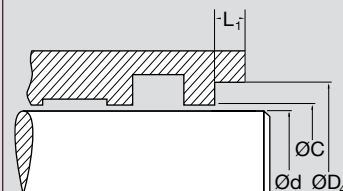
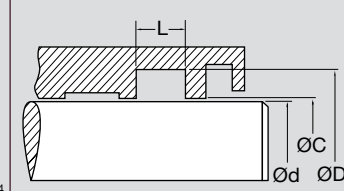
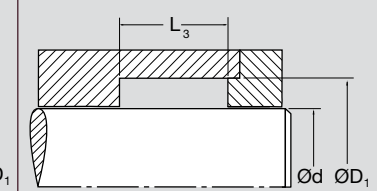
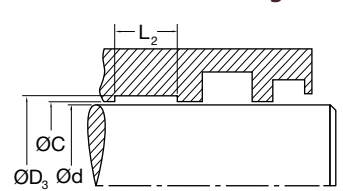
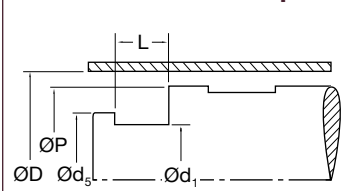
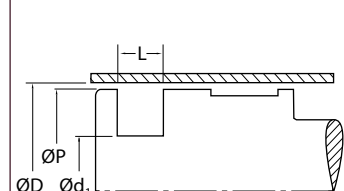
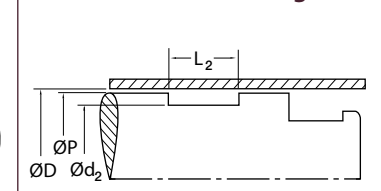
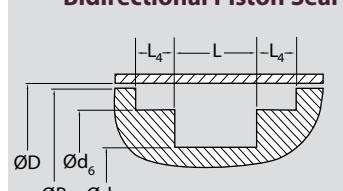
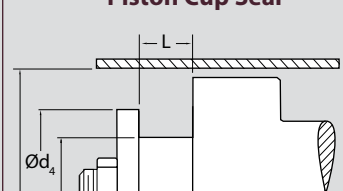
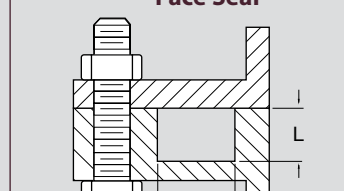
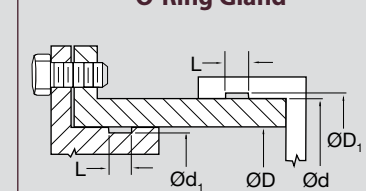
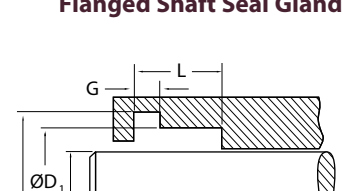
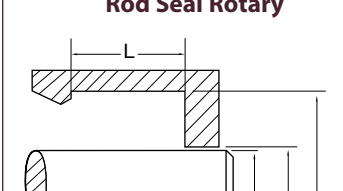
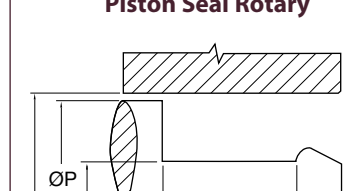
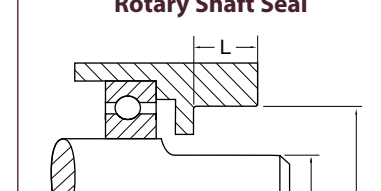
Describe existing seal design and material: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**EQUIPMENT**

Application \_\_\_\_\_ Surface finish \_\_\_\_\_ Ra  RMS   
 Manufacturer \_\_\_\_\_ Hardness \_\_\_\_\_ Rc   
 Model \_\_\_\_\_ Plating/Coating \_\_\_\_\_  
 Misalignment \_\_\_\_\_ in \_\_\_\_\_ mm Eccentricity (T.I.R.) \_\_\_\_\_ in \_\_\_\_\_ mm  
 (shaft to bore) or Run-out

*See reverse side for equipment dimensioning.*

Describe application and/or operating conditions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

<p style="text-align: center;"><b>Rod Wiper</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OD}_4:</math> _____  <math>\text{OC:}</math> _____ <math>L_1:</math> _____  <math>\text{OD}_2:</math> _____         </p>	<p style="text-align: center;"><b>Canned Rod Wiper</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OD}_4:</math> _____  <math>\text{OC:}</math> _____ <math>L_1:</math> _____         </p>	<p style="text-align: center;"><b>Rod Seal</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OD}_1:</math> _____  <math>\text{OC:}</math> _____ <math>L:</math> _____         </p>	<p style="text-align: center;"><b>Rod Packing</b></p>  <p> <math>\text{OD:}</math> _____ <math>L_3:</math> _____  <math>\text{OD}_1:</math> _____         </p>
<p style="text-align: center;"><b>Rod Wear Ring</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OD}_3:</math> _____  <math>\text{OC:}</math> _____ <math>L_2:</math> _____         </p>	<p style="text-align: center;"><b>Piston Seal U-Cup</b></p>  <p> <math>\text{OD}_1:</math> _____ <math>\text{OP:}</math> _____  <math>\text{OD}_5:</math> _____ <math>L:</math> _____  <math>\text{OD:}</math> _____         </p>	<p style="text-align: center;"><b>Piston Bidirectional Seal</b></p>  <p> <math>\text{OD}_1:</math> _____ <math>\text{OP:}</math> _____  <math>\text{OD:}</math> _____ <math>L:</math> _____         </p>	<p style="text-align: center;"><b>Piston Wear Ring</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OP:}</math> _____  <math>\text{OD}_2:</math> _____ <math>L_2:</math> _____         </p>
<p style="text-align: center;"><b>Bidirectional Piston Seal</b></p>  <p> <math>\text{OD}_1:</math> _____ <math>\text{OP:}</math> _____  <math>\text{OD:}</math> _____ <math>L:</math> _____  <math>\text{OD}_6:</math> _____ <math>L_4:</math> _____         </p>	<p style="text-align: center;"><b>Piston Cup Seal</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OC:}</math> _____  <math>\text{OD}_4:</math> _____ <math>L:</math> _____         </p>	<p style="text-align: center;"><b>Face Seal</b></p>  <p> <math>\text{I.D.:</math> _____ <math>L:</math> _____  <math>\text{O.D.:</math> _____         </p>	<p style="text-align: center;"><b>O-Ring Gland</b></p>  <p>                 Piston Mount    Rod Mount  <math>\text{OD:}</math> _____ <math>\text{OD}_1:</math> _____  <math>\text{OD}_1:</math> _____ <math>\text{OD:}</math> _____  <math>L:</math> _____ <math>L:</math> _____             </p>
<p style="text-align: center;"><b>Flanged Shaft Seal Gland</b></p>  <p> <math>\text{OD}_1:</math> _____ <math>G:</math> _____  <math>\text{OD:}</math> _____ <math>L:</math> _____  <math>\text{OD}_5:</math> _____         </p>	<p style="text-align: center;"><b>Rod Seal Rotary</b></p>  <p> <math>\text{OD}_1:</math> _____ <math>\text{OC:}</math> _____  <math>\text{OD:}</math> _____ <math>L:</math> _____         </p>	<p style="text-align: center;"><b>Piston Seal Rotary</b></p>  <p> <math>\text{OD:}</math> _____ <math>\text{OP:}</math> _____  <math>\text{OD}_1:</math> _____ <math>L:</math> _____         </p>	<p style="text-align: center;"><b>Rotary Shaft Seal</b></p>  <p> <math>\text{OD:}</math> _____ <math>L:</math> _____  <math>\text{OD:}</math> _____         </p>



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