Technical Data Submittal Sheet
Supplement 11/06/2018

* DIMENSIONAL DATA FOR MODELS C, L, O, S-316, S61, LS-316 & OS-316

<table>
<thead>
<tr>
<th>LINK-SEAL® Model No.</th>
<th>Rubber Sealing Elements</th>
<th>Pressure Plates</th>
<th>Bolts</th>
<th>Weight for 10 Link Sections (lbs)</th>
<th>Min. Required Seating Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Actual Thickness (B)</td>
<td>Free Length (C)</td>
<td>Avg. Length After Tightening (D)</td>
<td>(A) (T)</td>
<td>Allen Head Hex Across Flats (H)</td>
</tr>
<tr>
<td>LS-200-*</td>
<td>0.48”</td>
<td>1.75”</td>
<td>1.38”</td>
<td>1.06” 0.31”</td>
<td>4mm Allen (0.157”)</td>
</tr>
<tr>
<td>LS-275-*</td>
<td>0.61”</td>
<td>1.75”</td>
<td>1.38”</td>
<td>0.97” 0.31”</td>
<td>4mm Allen (0.157”)</td>
</tr>
<tr>
<td>LS-300-*</td>
<td>0.69”</td>
<td>2.37”</td>
<td>1.87”</td>
<td>1.56” 0.44”</td>
<td>6mm Allen (0.236”)</td>
</tr>
<tr>
<td>LS-315-*</td>
<td>0.81”</td>
<td>2.37”</td>
<td>1.87”</td>
<td>1.44” 0.44”</td>
<td>6mm Allen (0.236”)</td>
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<tr>
<td>LS-325-*</td>
<td>0.88”</td>
<td>2.63”</td>
<td>2.00”</td>
<td>3.13” 1.00”</td>
<td>13mm (0.511”)</td>
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<tr>
<td>LS-340-*</td>
<td>1.00”</td>
<td>2.70”</td>
<td>2.25”</td>
<td>1.48” 0.66”</td>
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<tr>
<td>LS-360-*</td>
<td>1.24”</td>
<td>2.70”</td>
<td>2.25”</td>
<td>2.05” 0.77”</td>
<td>13mm (0.511”)</td>
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<tr>
<td>LS-400-*</td>
<td>1.38”</td>
<td>3.50”</td>
<td>2.75”</td>
<td>3.50” 1.06”</td>
<td>17mm (0.669”)</td>
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<tr>
<td>LS-410-*</td>
<td>1.43”</td>
<td>3.37”</td>
<td>2.87”</td>
<td>2.52” 0.88”</td>
<td>17mm (0.669”)</td>
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<tr>
<td>LS-425-*</td>
<td>1.06”</td>
<td>3.00”</td>
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<td>3.50” 1.19”</td>
<td>17mm (0.669”)</td>
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<tr>
<td>LS-475-*</td>
<td>1.56”</td>
<td>3.38”</td>
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<td>2.63” 0.88”</td>
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<td>LS-500-*</td>
<td>2.25”</td>
<td>3.75”</td>
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<tr>
<td>LS-525-*</td>
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<td>LS-575-*</td>
<td>1.81”</td>
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<td>3.00”</td>
<td>3.00” 1.00”</td>
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<tr>
<td>LS-615-*</td>
<td>3.09”</td>
<td>4.00”</td>
<td>3.00”</td>
<td>6.00” 1.90”</td>
<td>24mm (0.944”)</td>
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<td>LS-650-*</td>
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<td>3.98”</td>
<td>3.00”</td>
<td>3.96” 1.19”</td>
<td>19mm (0.748”)</td>
</tr>
</tbody>
</table>

Visit www.gptindustries.com for literature and installation instructions
**LINK-SEAL® Modular Seal Model Properties**

**WITH EPDM SEAL ELEMENTS**

**EPDM (Black & Blue)**

Model "C" LINK-SEAL® Modular Seal
Suitable for direct ground burial, normal atmospheric conditions, and conditions with occasional or periodic water contact. Provides electrical isolation where cathodic protection is required.

**Type:** Standard  
**Seal Element:** EPDM (Black) or EPDM (Blue)  
**Pressure Plates:** Reinforced Nylon Polymer  
**Bolts & Nuts:** Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.  
**Temp. Range:** -40˚ to 250˚F (-40˚ to 121˚C)*

Model “S-316” LINK-SEAL® Modular Seal
For chemical processing & waste water treatment. High level of water-resistance, resistant to most inorganic acids and alkalis, and most organic chemicals (acetone, alcohol, ketones).  
**Type:** Stainless  
**Seal Element:** EPDM (Black) or EPDM (Blue)  
**Pressure Plates:** Reinforced Nylon Polymer  
**Bolts & Nuts:** 316 Stainless Steel  
**Temp. Range:** -40˚ to 250˚F (-40˚ to 121˚C)*

*Sustained operation near temperature limits may affect life expectancy.

**WITH NITRILE SEAL ELEMENTS**

**Nitrile (Green)**

Model “O” LINK-SEAL® Modular Seal
Nitrile rubber is resistant to oils, fuel and many solvents (gasoline, motor oil, kerosene, methane, jet fuel, hydraulic fluid, water, etc.)

**Type:** Oil Resistant  
**Seal Element:** Nitrile (Green)  
**NOTE:** Not U.V. Resistant  
**Pressure Plates:** Reinforced Nylon Polymer  
**Bolts & Nuts:** Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.  
**Temp. Range:** -40˚ to 210˚F (-40˚ to 99˚C)*

Model “OS-316” LINK-SEAL® Modular Seal
Combination of oil resistant rubber and stainless steel hardware

**Type:** Oil Resistant  
**Seal Element:** Nitrile (Green)  
**NOTE:** Not U.V. Resistant  
**Pressure Plates:** Reinforced Nylon Polymer  
**Bolts & Nuts:** 316 Stainless Steel  
**Temp. Range:** -40˚ to 210˚F (-40˚ to 99˚C)*

*Sustained operation near temperature limits may affect life expectancy.

**WITH SILICONE SEAL ELEMENTS**

**Silicone (Grey)**

Model “T” LINK-SEAL® Modular Seal
Silicone rubber is ideal for temperature extremes. The “T” model is one-hour Factory Mutual approved.

**Type:** High/Low Temperature  
**Seal Element:** Silicone (Grey)  
**Pressure Plates:** Steel Zinc Dichromate  
**Bolts:** Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.  
**Temp. Range:** -67˚ to 400˚F (-55˚ to 204˚C)*

Model “FD/FS” LINK-SEAL® Modular Seal
Double seal for added protection

**Type:** Fire Seals  
**Seal Element:** Silicone (Grey)  
**Pressure Plates:** Steel zinc dichromate  
**Bolts:** Steel with 2-part Zinc Dichromate & proprietary corrosion inhibiting coating.  
**Temp. Range:** -67˚ to 400˚F (-55˚ to 204˚C)*

*Sustained operation near temperature limits may affect life expectancy.

**Property** | **ASTM Method** | **EPDM (EPDM L)** | **Nitrile** | **Silicone**
--- | --- | --- | --- | ---
Hardness (shore A) | D-2240 | 50 ±5 (40 ±5) | 50 ±5 | 50 ±5
Tensile | D-412 | 1450 psi | 1300 psi | 860 psi
Elongation | D-412 | 400% | 300% | 250%
Compression Set | S-395 | 15%  | 45% | 40%
| 22 hrs. @ 158° F (70° C)  | 22 hrs. @ 212° F (100° C) | 22 hrs. @ 350° F (177° C)
Specific Gravity | D-297 | 1.10 | 1.15 | 1.40

**BOLT & NUT SPECIFICATION**

**Carbon Steel**
Carbon steel, zinc dichromated per ASTM B633, with an additional corrosion inhibiting proprietary organic coating. (passes 1470 hour salt spray test)  
**Tensile Strength = 60,000 psi, minimum.**

**Stainless Steel**
ANSI Type = 316, Per ASTM F593-95  
**Tensile Strength = 85,000 psi, average**

**Property** | **ASTM Method** | **Value**
--- | --- | ---
Izod Impact - Notched | D-256 | 1.11 ft-lb/in
Tensile Strength @ Yield | D-638 | 20,000 psi
Tensile Strength - Break | D-638 | 20,250 psi
Flexural Strength @ Yield | D-790 | 30,750 psi
Flexural Modulus | D-790 | 1,124,000 psi
Elongation, Break | D-638 | 11.07%
Specific Gravity | D-792 | 1.38
Moisture Content | -- | 0.18%