11K EZ Stack Pack

11K – Product Data

Chesterton® 11K EZ Stack Pack is a seal made up of two components designed for use in HYDRAULIC applications. This product was designed to promote machine productivity and lower operating costs. The 11K is available in two different material combinations:

1. **Our Red Polymer** material (95A durometer) is formulated with high abrasion resistance, low compression set properties and excellent extrusion resistance.

2. **Our Blue Polymer** material (85A durometer) offers similar properties to the red but is softer which enables it to better conform to surface irregularities.

The 11K is available in two different material combinations:

1. **Red/Blue** sets were designed for use in both new and worn equipment.

2. **Red/Red** sets were designed for use in equipment that is in good condition.

- Provides virtually leakfree sealing.
- Works on both new and worn equipment.
- Split configuration simplifies installation.
- Design eliminates future shimming/adjustments.
- Custom sizes available.
- Patented design.

**Available Materials and Seal Sizes – Inch (mm)**

<table>
<thead>
<tr>
<th>Material</th>
<th>(H_3)</th>
<th>(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red/Blue</td>
<td>≥0.625 (16)</td>
<td>≥0.156 (4)</td>
</tr>
<tr>
<td>Red/Red</td>
<td>≥0.625 (12.7)</td>
<td>≥0.250 (6.35)</td>
</tr>
</tbody>
</table>

**Typical Applications**

- Extrusion Presses
- Clamping Rams
- Baling Presses
- Injection Molding
- All OEM Press Manufacturers
- Press Board Presses
- Laminating Presses
- Plywood Presses
- Stamping Presses
- Unloader Cylinders
- Plunger Pumps

**Operating Temperature Range – °F (°C)**

-100 (-73) to 200 (93)

**Recommended Surface Finishes – µ Inch (µ m)**

- **Red/Blue**
  - Static Surface: 8 (0.2)
  - Dynamic Surface: 16 (0.4)

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## 11K – Technical Data

**Designations:**
- Rod/Ram diameter = d
- Stuffing box bore = D₁
- Cross section = S
- Working stuffing box height = L₃

**Note:**
- Assembly height = H₃
  - H₃ must be a minimum of 0.125" (3.2 mm) ≤ L₃

**See Chart:**
- Calculate diametrical clearances as follows:
  - Rod clearance diameter = C
  - Rod diameter = d
  - Diametrical clearance = C – d

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### Reciprocating Speed – ft/min (m/sec)

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>50</th>
<th>100</th>
<th>150</th>
<th>200</th>
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</thead>
<tbody>
<tr>
<td>Red/Blue</td>
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### Recommended Operating Pressure – psi (bar)

![Pressure Chart]

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