Emission Defence Packing

EDP19 for Valves

- Compliant with Enhanced LDAR performance requirements for valves
- Excellent sealability in a single spool packing
- Extremely low friction with long service life

Pillar style EDP 19/4519 is manufactured with a carbon fiber core encapsulated by a pure PTFE braid. This unique combination gives you the outstanding characteristics of both carbon and PTFE.
Emission Defence Packing
EDP19 for Valves

Dimensions

<table>
<thead>
<tr>
<th>SIZE</th>
<th>LOT Meter/spool</th>
<th>Spool Size (mm)</th>
<th>Reference ft/spool</th>
<th>NET WEIGHT* (lbs)</th>
<th>NET WEIGHT* (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches</td>
<td>mm</td>
<td>(0-10%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/16”</td>
<td>4.8</td>
<td>20</td>
<td>φ 130</td>
<td>65.6</td>
<td>1.70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>φ 200</td>
<td>98.4</td>
<td>2.50</td>
</tr>
<tr>
<td>1/4”</td>
<td>6.4</td>
<td>10</td>
<td>φ 130</td>
<td>32.8</td>
<td>1.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20</td>
<td>φ 200</td>
<td>65.6</td>
<td>3.00</td>
</tr>
<tr>
<td>5/16”</td>
<td>7.9</td>
<td>10</td>
<td>φ 130</td>
<td>32.8</td>
<td>2.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>φ 200</td>
<td>65.6</td>
<td>4.50</td>
</tr>
<tr>
<td>3/8”</td>
<td>9.5</td>
<td>20</td>
<td>φ 200</td>
<td>65.6</td>
<td>6.60</td>
</tr>
<tr>
<td>7/16”</td>
<td>11.1</td>
<td>20</td>
<td>φ 250</td>
<td>65.6</td>
<td>9.00</td>
</tr>
<tr>
<td>1/2”</td>
<td>12.7</td>
<td>20</td>
<td>φ 250</td>
<td>65.6</td>
<td>11.70</td>
</tr>
</tbody>
</table>

* Product weight (Not include spool & Box)

Sealing Performance

1) Characteristics of seal ability in hot water

2) Characteristics of sliding friction in hot water

Follow the instructions, before installation and operation, for your safety.

Specifications

Temperature
-20 ~ +500°F (-29 ~ +260°C)

Pressure
1400psi (103 bar)
ASME class 600

pH
0 to 14

Applications

1) Refinery, Petro-chemical
2) Chemical
3) Power plant, e.t.c.

Test condition
Pillar Style No.
EDP19/43519
Size
φ 20 x 33 x 16.5
Arrangement
6+ Lantern ring +2
Fluid
Hot Water
Pressure = 1400psi
Temperature = 480°F
Tightening stress
29.4N/mm²
Sliding condition
Stem stroke: 25mm
Stem speed: 25rpm
Cycle time: 15sec
Total sliding number: 2,700 strokes

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