HYDRAULIC

787

Markets

Parker’s GlobalCore 787 hose provides 5,000 psi (35 MPa) constant working pressure in sizes -4 through -32. With a Compact Spiral design that offers greater advantages in routing and installation, 787 hose delivers superior performance in a lightweight, force-to-flex product.

- ½ ISO 18752 minimum bend radius
- Meets ISO 18752 performance specification
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested up to 2,000,000 cycles
- Flex impulse tested providing a hose superior in both performance and service life
- Weighs less than SAE spiral hose
- TC cover provides 80 times and ST cover 450 times abrasion resistance when compared to standard covers

Performance

787

Hydraulic – Constant Working Pressure

ISO 18752

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Standard Cover</th>
<th>Tough Cover</th>
<th>Super Tough Cover</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Parkrimp</th>
<th>Parkrimp</th>
</tr>
</thead>
<tbody>
<tr>
<td>787-4</td>
<td>AC</td>
<td>AC</td>
<td>AC</td>
<td>1/4</td>
<td>6.3</td>
<td>5000 psi 35,0</td>
<td>0.51</td>
<td>0.21</td>
<td>0.31</td>
<td></td>
</tr>
<tr>
<td>787-6</td>
<td>AC</td>
<td>AC</td>
<td>AC</td>
<td>3/8</td>
<td>10</td>
<td>5000 psi 35,0</td>
<td>0.68</td>
<td>0.28</td>
<td>0.42</td>
<td></td>
</tr>
<tr>
<td>787-8</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>1/2</td>
<td>12.5</td>
<td>5000 psi 35,0</td>
<td>0.83</td>
<td>0.45</td>
<td>0.67</td>
<td></td>
</tr>
<tr>
<td>787-10</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>5/8</td>
<td>16</td>
<td>5000 psi 35,0</td>
<td>0.94</td>
<td>0.54</td>
<td>0.80</td>
<td></td>
</tr>
<tr>
<td>787-12</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>3/4</td>
<td>19</td>
<td>5000 psi 35,0</td>
<td>1.10</td>
<td>0.78</td>
<td>1.16</td>
<td></td>
</tr>
<tr>
<td>787-16</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>1</td>
<td>25</td>
<td>5000 psi 35,0</td>
<td>1.40</td>
<td>1.17</td>
<td>1.74</td>
<td></td>
</tr>
<tr>
<td>787-20</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>1-1/4</td>
<td>31.5</td>
<td>5000 psi 35,0</td>
<td>1.77</td>
<td>1.95</td>
<td>2.89</td>
<td></td>
</tr>
<tr>
<td>787-24</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>1-1/2</td>
<td>38</td>
<td>5000 psi 35,0</td>
<td>2.08</td>
<td>2.66</td>
<td>3.96</td>
<td></td>
</tr>
<tr>
<td>787-32</td>
<td>BC</td>
<td>DC</td>
<td>DC</td>
<td>2</td>
<td>51</td>
<td>5000 psi 35,0</td>
<td>2.66</td>
<td>4.37</td>
<td>6.50</td>
<td></td>
</tr>
</tbody>
</table>

Application: Petroleum base hydraulic fluids and lubricating oils.
Inner Tube: Proprietary synthetic rubber.
Reinforcement: Two-braid steel wire for sizes -4 to -6, Four- or six-compact spiral steel wires for sizes -8 to -32.
Cover: Standard Cover: Synthetic rubber.
Tough Cover: Synthetic rubber abrasion resistant.
SuperTough Cover: Synthetic rubber super abrasion resistant.


Temperature Range: Standard Cover: -40°F to +212°F (-40°C to +100°C).
ToughCover & SuperTough Cover: -40°F to +257°F (-40°C to +125°C).
(4 to -6 rated to +212°F).

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.