Flex-A-Pak
Injectable Packing

When Seals Cannot Be Applied
FLEX-A-PAK is injectable packing for pumps and valves with easy installation and substantially less leakage than traditional packing. It incorporates a state-of-the-art fiber and lubrication technology that requires no flush water and universal packing where seals can’t be applied. The latest chemical and fiber technology is utilized making installation easy by conforming to worn shafts with low coefficient of friction. Self-lubricating, it does not need a flush or cooling water. Since the material is long lasting, it will not dry out or harden. Easy flow fittings and injection guns are cost effective. Quick maintenance re-packs are available. With Flex-A-Pak, there is less packing drag on the shaft. It can be injected or hand packed. We offer styles to meet most industrial conditions. Flex-A-Pak eliminates leakage, lowers operating costs, reduces maintenance time, saves energy, reduces shaft/sleeve wear. Other benefits include extended equipment life, minimized heat generation, and reduced water usage.

### Item Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Applications</th>
<th>pH Range</th>
<th>Max. Temp.</th>
<th>Max. Pressure</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAP 200</td>
<td>Black 18 mic. lead and graphite, molydisulphide, hydroxide distillate, tri-tetra-flax</td>
<td>• Water  • Slurries  • Raw Sewerage</td>
<td>4-10</td>
<td>350°F 170°C</td>
<td>Rotary: 450 psi, 31 bar  Reciprocating: 3000 psi, 206.8 bar  Valves: 3000 psi, 206.8 bar</td>
<td>Shaft Speed: fpm 4000  mps 10.3  Rod Speed: fpm 150  mps 0.65</td>
</tr>
<tr>
<td>FAP 400</td>
<td>Cream Natural poled flax and phosphate grease additive</td>
<td>• Sewerage  • Brine  • Sea Water  • Mild Acids  • Mild Caustics</td>
<td>2-12</td>
<td>400°F 204°C</td>
<td>Rotary: 150 psi, 10.3 bar  Reciprocating: 1200 psi, 82.6 bar  Valves: 1200 psi, 82.6 bar</td>
<td>Shaft Speed: fpm 1500  mps 2.6  Rod Speed: fpm 150  mps 0.26</td>
</tr>
<tr>
<td>FAP 500</td>
<td>Red petroleum hydrocarbons, heavy naphthenic, PTFE</td>
<td>• Raw water  • Salt water  • Brackish water  • Slurries  • Sewerage</td>
<td>3-11</td>
<td>400°F 204°C</td>
<td>Rotary: 200 psi, 13.8 bar  Reciprocating: 1600 psi, 110.6 bar  Valves: 1200 psi, 82.6 bar</td>
<td>Shaft Speed: fpm 1500  mps 2.6  Rod Speed: fpm 150  mps 0.26</td>
</tr>
<tr>
<td>FAP 600</td>
<td>Black GFO®, PTFE, lead pellets</td>
<td>• Boiler feed  • Acids  • Caustic</td>
<td>2-12</td>
<td>500°F 260°C</td>
<td>Rotary: 500 psi, 34.4 bar  Reciprocating: 3000 psi, 206.8 bar  Valves: 3000 psi, 206.8 bar</td>
<td>Shaft Speed: fpm 4000  mps 10.3  Rod Speed: fpm 150  mps 0.26</td>
</tr>
<tr>
<td>FAP 800</td>
<td>Black GFO®, PTFE, chemically inert materials</td>
<td>• Acids  • Sea Water  • Caustics  • Some solvents  • Sewerage  • Condensate  • Paper mills applications</td>
<td>2-12</td>
<td>500°F 260°C</td>
<td>Rotary: 150 psi, 10.3 bar  Reciprocating: 1200 psi, 82.6 bar  Valves: 1200 psi, 82.6 bar</td>
<td>Shaft Speed: fpm 3000  mps 8.21  Rod Speed: fpm 150  mps 0.67</td>
</tr>
<tr>
<td>FAP 1000</td>
<td>Pure White Non-staining, non-contaminating, PTFE, mineral oils. Meets FDA specification #178.3570 for food contact</td>
<td>• Food processing  • Potable water  • Pharmaceuticals  • Paper stocks  • Bleach plant applications</td>
<td>2-12</td>
<td>500°F 260°C</td>
<td>Rotary: 150 psi, 10.3 bar  Reciprocating: 1200 psi, 82.6 bar  Valves: 1200 psi, 82.6 bar</td>
<td>Shaft Speed: fpm 1500  mps 2.6  Rod Speed: fpm 150  mps 0.26</td>
</tr>
<tr>
<td>FAP 4000</td>
<td>Black Graphite, heavy naphthenic greases</td>
<td>• Chemicals  • Steam  • Petroleum fuels</td>
<td>0-14</td>
<td>120°F 49°C</td>
<td>Rotary: 250 psi, 17.2 bar  Reciprocating: 3000 psi, 206.8 bar  Valves: 3000 psi, 206.8 bar</td>
<td>Shaft Speed: fpm 4000  mps 10.3  Rod Speed: fpm 150  mps 0.26</td>
</tr>
</tbody>
</table>

### Manufacturing and Stocking Centers

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