The DulcoFlex RAD pump offers a choice of tubing or a reinforced hose in about 1/2 the space needed for conventional hose pumps! Proven roller technology means no expensive fill lubricants, no required torque stabilization, and up to 30% longer hose life than comparable “pressing shoe” hose pumps. Disaster proof hose/tube fittings, flows up to 337 gph, and pressure capability up to 116 psi makes the RAD pump a great choice for pumping difficult fluids!

**Features & Benefits**
- 10, 13, 16, 19, 22mm tubing pumps (30 psi)
- 10, 13, 16, 22mm reinforced hose pumps (116 psi)
- Flows to 337 gph (5.6 gpm)
- Halar coating available for the toughest chemicals
- Disaster proof hose connections
- Roller Technology - Lower hose stress
- Easy maintenance
- Reinforced hose
- Can run dry
- Self priming
- Great for solids
- Reversible
- No seals
- No valves

**Applications**
- NaOCl
- Lime dosing
- FeCl3
- Mining
- Fruit Juices
- Flavoring
- Wine
- Ink
- Emulsions
- Detergents
## Technical data

### Capacity Data

<table>
<thead>
<tr>
<th></th>
<th>RAD10</th>
<th>RAD13</th>
<th>RAD16</th>
<th>RAD19*</th>
<th>RAD22</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAD Series</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compression</td>
<td>Roller</td>
<td>Roller</td>
<td>Roller</td>
<td>Roller</td>
<td>Roller</td>
</tr>
<tr>
<td>Connection</td>
<td>3/8&quot;</td>
<td>3/8&quot;</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>Capacity gal/rev</td>
<td>0.006</td>
<td>0.01</td>
<td>0.024</td>
<td>0.032</td>
<td>0.066</td>
</tr>
<tr>
<td>Max. Flow gph</td>
<td>31</td>
<td>51</td>
<td>122</td>
<td>163</td>
<td>337</td>
</tr>
<tr>
<td>Max. Pressure Hoses</td>
<td>116 psi</td>
<td>116 psi</td>
<td>116 psi</td>
<td>N/A</td>
<td>116 psi</td>
</tr>
<tr>
<td>Tubing</td>
<td>Norprene</td>
<td>Norprene</td>
<td>Norprene</td>
<td>Norprene</td>
<td>Norprene</td>
</tr>
<tr>
<td>Max. Pressure Tubing</td>
<td>30 psi</td>
<td>30 psi</td>
<td>30 psi</td>
<td>30 psi</td>
<td>30 psi</td>
</tr>
</tbody>
</table>

Models are available with one of the following reinforced hoses: Natural Rubber, Buna, EPDM, Hypalon

* RAD19 is not available with reinforced hoses

### RAD Series Flow Rates

![Graph showing RAD Series Flow Rates](image)

- RAD10: 0.006 gal/rev
- RAD13: 0.01 gal/rev
- RAD16: 0.024 gal/rev
- RAD19: 0.032 gal/rev
- RAD22: 0.066 gal/rev