PVDF Schedule 80 Pipe

(Polyvinylidene Fluoride) PVDF is a strong, tough, and abrasion resistant fluorocarbon material. It resists distortion and retains most of its strength to 280°F. It is chemically resistant to most acids, bases and organic solvents and is ideally suited for handling wet or dry chlorine, bromine and other halogens. No other solid thermoplastic piping components can approach the combination of strength, chemical resistance and working temperatures of PVDF. PVDF is joined by the thermo-seal fusion process, threading or flanging.

The great versatility of the material, with its unique combination of physical and chemical properties, as well as the simple installation process of pipe, fittings and valves, make it the piping system of choice for applications in industries like semiconductor, pharmaceutical, chemical processing, metal finishing, pulp and paper.

Applications:
- Semi-conductor
- Pharmaceutical
- Chemical processing
- Pulp and paper
- Electronic
- Biotechnology
- Healthcare
- Universities

Features:
- Available in 20’ lengths, plain end
- Available in Red Kynar® or natural
- Extremely corrosion resistant
- Ideal for applications up to 280 °F
- Joined by the thermo-seal fusion process, threading or flanging.

<table>
<thead>
<tr>
<th>MM</th>
<th>NOMINAL PIPE SIZE (INCHES)</th>
<th>NOMINAL PIPE SIZE (INCHES)</th>
<th>PART NUMBER</th>
<th>PART NUMBER</th>
<th>FEET PER BUNDLE</th>
<th>OUTSIDE DIAMETER IN</th>
<th>INSIDE DIAMETER IN</th>
<th>WEIGHT PER 100 FEET</th>
<th>PRESSURE RATING AT 73.4°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>1/2 x 20 ft</td>
<td>050307</td>
<td>050307</td>
<td>70307</td>
<td>140</td>
<td>0.840</td>
<td>0.546</td>
<td>26</td>
<td>580</td>
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<tr>
<td>20</td>
<td>3/4 x 20 ft</td>
<td>050308</td>
<td>050308</td>
<td>70308</td>
<td>100</td>
<td>1.050</td>
<td>0.742</td>
<td>35</td>
<td>470</td>
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<tr>
<td>25</td>
<td>1 x 20 ft</td>
<td>050309</td>
<td>050309</td>
<td>70309</td>
<td>80</td>
<td>1.315</td>
<td>0.957</td>
<td>51</td>
<td>430</td>
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<tr>
<td>40</td>
<td>1 1/2 x 20 ft</td>
<td>050311</td>
<td>050311</td>
<td>70311</td>
<td>60</td>
<td>1.900</td>
<td>1.500</td>
<td>86</td>
<td>320</td>
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<tr>
<td>50</td>
<td>2 x 20 ft</td>
<td>050312</td>
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<td>70312</td>
<td>20</td>
<td>2.375</td>
<td>1.939</td>
<td>119</td>
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<tr>
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<td>050313</td>
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<td>20</td>
<td>3.500</td>
<td>2.900</td>
<td>246</td>
<td>250</td>
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<tr>
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<td>050314</td>
<td>70314</td>
<td>20</td>
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<td>3.626</td>
<td>360</td>
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<tr>
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<td>050315</td>
<td>050315</td>
<td>70315</td>
<td>20</td>
<td>6.625</td>
<td>5.761</td>
<td>686</td>
<td>N.R.</td>
</tr>
</tbody>
</table>

Notes:
- Threaded pipe and fittings shall be rated at 50% of the values given for socket.
- Valves, unions and flanges (either socket or threaded) shall be pressure rated at 150 psi service at 73.4°F(23°C), non-shock and have a minimum burst requirement of 3.3 times the rated pressure.
- Pipe is 20 feet long in plain ends. For other lengths and pipe ends, please consult our customer service department.
- Red Kynar® pipe is pigmented to resist ultra-violet attack when handling high concentrations of halogens. The pipe is completely compatible to Fabco’s line of Kynar® fittings and valves.
- Larger diameter pipe is available upon request. Please consult customer service.
- These products are not recommended for compressed air or gas systems.
- N.R. = Not recommended for pressure applications.
- Schedule 40 pipe available upon request.