EDLON™ DIP TUBES (PTFE LINED & COVERED STEEL)

Edlon, Inc. type SF and DF dip tubes combine the strength and rigidity of steel with the corrosion resistance of isostatically molded PTFE. This combination offers universal chemical resistance and can also add the ability to withstand the forces of agitation. Ideal for adding or withdrawing fluids in corrosive environments.

Benefits

- PTFE liner and jacket
  - prevents corrosion
  - eliminates product contamination

- Steel core provides strength and rigidity for agitated service

- Withstands operating temperatures from 450°F to -20°F

Design Options

- Mounting flange may be any size, eliminating the need for separate reducing flange

- Extra long (up to 45') designs available

- Alternate metal substrates (SS, hastelloy, etc.)

- Flange drilling to your specification

- Bends

- Syphon breaks

- Custom length between tank mount and connecting flanges

Dimensional Data for Dip Tubes (inches)*

<table>
<thead>
<tr>
<th>A Nominal Size</th>
<th>B Nozzle Flange Size “N”</th>
<th>C Diameter</th>
<th>D Diameter</th>
<th>Max O.D.</th>
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* Refer to drawings on back
**Ordering Information:**

Quantity: ___________ ea.
Type: ______________ (DF, SF)

**Construction:** PTFE Lined and Covered Steel
Steel: ____________________________ (carbon, stainless with grade, alloy, etc.)
Schedule: _______ (S40, S80, S160, double reinforced)

**Size:**
Nominal Pipe (A): __________ inches  
Tank mount flange (B): _______ inches  
Drilling: ________________ (150#, 300#, DIN) steel  
Drilling: ________________ (150#, 300#, DIN) steel  
Flange material: ___________ (A395 - std., A105, etc.)

Wet length (L): _______ inches

**Options:** (please check if required)
- _______ 1/4" vent coupling
- _______ syphon break (integral only on 3" and above. Consult factory on designs for smaller sizes)
- _______ Bends (attach sketch showing centerline dimensions)

**Agitation Parameters:**
Single flange (SF) style is Not Recommended for agitated service.
Thicker steel is not necessarily better! (If not a direct replacement, we suggest our computerized stress analysis.)

**Stress Analysis:** (additional questions)
Liquid density: _____ lbs/ft³  
Max. agitator speed: _______ rpm  
Liquid viscosity: _______ centipoise  
Reactor size: _______ gal.  
Agitator blade span: _______ inches  
Max. operating temperature: _______ °F  
Chemical service: __________________

Approved by: ___________________  
Company: ___________________  
Date: _____________

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**Type DF Dip Tubes**

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<th>Diagram Image 1</th>
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**Type SF Dip Tubes**

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<th>Diagram Image 2</th>
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