



PALMER-BOWLUS FLUMES

- Short Length, Wide Throat
- Excellent for Pipe Connections
- Low Maintenance
- High Submergence Tolerance
- Engineered & Built to Order



*25 year
Corrosion
Warranty*



As a leader in the flume fabrication revolution that began over forty years ago, Plasti-Fab has thousands of flumes installed in corrosive environments around the world. Plasti-Fab products are fabricated from highly corrosion resistant composite fiberglass reinforced plastic (FRP) with a 25 year corrosion warranty. Plasti-Fab is recognized around the world as an experienced innovator providing composite solutions for municipal and industrial fluid measurement applications.

KEY FEATURES

- Precise throat dimensions for accurate flow measurement
- Standard 1/4" wall thickness
- Free standing with up to 30" of Water Depth
- Premium Grade Isophthalic Gel Coat for long term corrosion resistance
- Head Gage
- Reinforced with engineered box rib design for strength on larger sizes



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DESIGN FEATURES AND ACCESSORIES

CONVENIENT FEATURES & ACCESSORIES

- Palmer-Bowlus Flumes standard with:
 - Anchor Clips
 - Head Gage in 100ths of a Foot and Centimeters
 - Temporary Spreaders
 - Minimum 2" Flange
- Alternate Palmer-Bowlus Flume configurations include:
 - Insert Flume
 - Insert Flume with Cutback
 - Rectangular Throat
 - Rubber Tire Flume
- Available with:
 - Inlet Pipe Stub
 - Inlet to bolt to Vault Wall
 - Inlet Ramp
 - Inlet Pipe Stub with inflatable tube
 - Outlet Pipe Stub
 - Outlet cutback to fit down outlet pipe
 - Outlet Bulkhead
- Optional Accessories:
 - Ultrasonic Bracket
 - Bubble pipe with Cavity
 - Sample pipe with Cavity
 - Pressure Transducer Cavity
 - pH Probe Cavity with Lift-out Bracket
 - Stilling Well



Palmer-Bowlus Flumes may be installed in round-bottom channels and non-pressurized pipelines with minimum construction expense.

- Additional customization options:
 - Threaded Taps
 - Permanent Cross Ties
 - Caulking Collars
 - Slip Flanges with 150 lb. bolting connections
 - Neoprene Boots with Stainless Steel Bands
 - Head Gages in MGD, GPM, CFS, Etc.
 - Capacitance Probe Side Cavity with Stainless Steel Ground Plate
 - Top Grating
 - Sectioning for undersized openings
 - Nesting smaller flume
 - Two Vial Bubble Level
 - Tranquilizing Racks
 - Energy Absorbing Basins
 - Many specially engineered solutions available, such as integration into Packaged Metering Manholes -- consult representative or factory

The Plasti-Fab line of flumes is THE premier line of flumes available for measurement of fluids. Precisely molded throat dimensions make it possible for consistent and accurate flow measurement. All Composite materials are guaranteed against corrosion for 25 years.

CONTACT US FOR MORE INFORMATION

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