



Fiberglass Flume Liners

The Palmer-Bowlus flume is designed for measuring flows in sewer pipelines and open round channels. Developed by Harold V. Palmer and Fred Bowlus of the Los Angeles County Sanitation District drawing in the mid-1930's, the Palmer-Bowlus flume has grown to become one of the principle flumes used in the measurement of industrial and municipal sewers.

The Palmer-Bowlus flume restricts the flow through the flume through the use of a trapezoidal throat section. The trapezoid section is the preferred design for open round channels and pipelines, as the shape has the least constriction through the flow area of other flumes and has a generally lower head loss.

Other Advantages Of The Palmer-Bowlus Flume Include

- Ease of installation
- Good for temporary or portable installations
- Ready adaption to circular channels
- Multiple flume configurations



TRACOM Offers Four Styles Of Palmer-Bowlus Flume

- 4D+1"
- 2D+1"
- Insert
- Cut-back



Optional Features

- Inlet / outlet bulkheads for pipeline connections
- Ultrasonic sensor mounting brackets
- Bubble tubes
- Submerged probe cavities
- Flume nesting
- Stilling wells (attached, detached, or connection only)
- Sample tubes
- Probe mounts
- FRP grating over the flume
- Pieced assembly for portability

