



AVAILABLE FOR

- HS / H / HL
- Palmer Bowlus



Bulkheads are flat, vertical plates that are chemically bonded (or attached) to the inlet of a HS / H / HL flume approach section or the inlet / outlet of a Palmer Bowlus flume that provide a surface into which a pipe stub, flange, or caulking collar can be molded to allow the flume to connect to piping.

HS / H / HL

For HS / H / HL flumes, it is usually recommended that an inlet bulkhead be connected to an approach section instead of directly to the flume. By placing an approach section between the bulk-head (with pipe connection) and the flume, the flow is allowed to develop / transition from the round inlet pipe to the rectangular cross-section of the flume.

For HS / H / HL flumes, the exit geometry of the flume means that a bulkhead can only be provided at the inlet. For these flumes a drop box is used for the outlet transition to the discharge pipe.

PALMER BOWLUS

Permanent style Palmer Bowlus flumes do not require the addition of an approach section as the U-shape of the flume already conforms well to the cross-section of the round inlet pipe.

For Palmer Bowlus flumes, bulkheads can be provided for both the inlet and the outlet.

OTHER FLUMES

Cutthroat, Montana, Parshall, and Trapezoidal flumes utilize a somewhat different method of connecting to piping-end adapters.

Where bulkheads are flat, vertical plates attached to the end of the flume, end adapters are specially shaped transitions, usually 12 to 24-inches [30.48 to 60.96 cm] long.

