



Staff gauges (aka head or level gauges) are a convenient way to determine liquid level without the need for instrumentation or operator effort. Simply read the maximum liquid level indicated on the gauge and you're done!

Depending upon your application needs, Openchannelflow offers three gauge configurations:

- Free-Standing
- Molded-In
- Surface Mounting (adhesive backed)

Openchannelflow gauges are available in single scale (one increment type - e.g. feet) or dual scale layouts (two increment types - e.g. cm and l/s). Dual scale gauges allow for the communication of not only the level, but also additional information (typically flow).

Depending upon the application, width of the gauge, and scale type, the primary numerals are typically 1/2 to 3/4" [1.27 to 1.905 cm] high. For distance viewing applications - typically checking tide levels, river stages, and tank levels - 6" [15.24 cm] high numerals are used.

## MATERIALS



- Aluminum
- Fiberglass
- Adhesive-Backed  
Lexan Coated Mylar
- Stainless Steel

## APPLICATIONS



- Creeks
- Streams
- Rivers
- Locks
- Reservoirs
- Lakes
- Flumes
- Weirs
- Holding Tanks
- Lagoons
- Irrigation Canals

## Construction

Fiberglass and free-standing gauges (other than stencil cut metal) have a high visibility yellow-green background with black lettering / gradations. This optical contrast provides superior visibility / readability over traditional black on white gauges. To add in accurate reading, key levels may also be indicated in red or alternating color schemes as needed.

Fiberglass gauges encapsulate a printed polyester core with a surface veil 1/8" to 1/4" [0.3715 to 0.635 cm] thick fiberglass laminate of marine grade resin and E-glass. Surface protection can be provided by a combination of surface veil and premium grade, UV inhibited gel coat.

The resulting gauge resists warping, fading, cracking, spalling, and chipping. Unlike paper printed gauges, in the unlikely even that the surface protection and veil are penetrated, the polyester core won't wick water or discolor.

For applications where extreme abuse is anticipated or where the flow stream contains abrasive grit or is expected experience flash floods in stony soils, stencil cut metal gauges (aluminum or stainless steel) are preferred.

Stencil cut metal gauges are available in single or dual scale increments and, like all free-standing gauges from Openchannelflow, are provided with pre-cut mounting holes for immediate installation.

## Maintenance

From the outset, Openchannelflow gauges were designed to require minimal maintenance.

Should algae, organic / marine growth, dirt, or debris build up on the gauge, simply wash off the offending residue. Even stubborn fouling typically requires little more than a bio-safe detergent and a little scrubbing to remove.

## CUSTOMIZATION



***Openchannelflow's gauges can be customized to your needs, including:***

- *Scale / Markings (single or dual and units)*
- *Dimensions (width and height)*
- *Material of Construction*

## DURABILITY



*Whether fabricated in our premium grade fiberglass or stencil cut metal, our gauges are designed to withstand extremes of weather, vandalism, and inadvertent damage by river traffic.*