



## GAUGE POLE FLOAT & SLEEVE

Various regulatory agencies require that slotted gauge poles be equipped with emissions control devices. Improperly sealed gauge pole wells can account for as much as 25 times the emissions of an entire seal system. The HMT Gauge Pole Sleeve effectively separates the vapor space in the gauge pole well from the gauge pole interior, preventing these vapors from escaping up the gauge pole. Additionally, the liquid surface area within the gauge pole itself is displaced by the Gauge Pole Float. The combined system effectively reduces a large evaporative surface (and potential source of emissions) area down to a few square inches around the float.



Some jurisdictions may require the use of both the sleeve and float. If a float is used, the HMT Gauge Pole Float Basin should be considered as part of a complete solution to make the gauging process simpler, cleaner and more efficient.

For a complete guide pole emissions control system that is maintenance-free with a long service life, choose the HMT Gauge Pole Float and Sleeve.

### Key benefits:

The HMT Gauge Pole Float and Sleeve key benefits are:

**Product compatibility** — stainless steel components are resistant to all stored products

**Abrasion resistant materials** — PTFE (Teflon®) liners and wiper materials are abrasion resistant and compatible with all stored products

**Long service life** — constructed of materials that last (stainless steel and PTFE)

**Maintenance-free operation** — workhorse design and materials

**In-service install** — no hot work required

**Can be installed on any floating roof** — can be installed on both EFRs and IFRs

### Key design features:

- Low-profile, stainless steel sleeve sized to fit specific tank well and floating roof dimensions (18" - 36" in overall lengths; overall length of float is 18")
- Stainless steel float contains a 10-mil PTFE (Teflon®) wiper and is designed to operate in specific gravities ranging from 0.60 to 1.00
- 25-mil Petroflex PTFE (Teflon®) liner and pole wiper provide excellent chemical compatibility and abrasion resistance while effectively closing slots in the gauge pole, eliminating vapor emissions loss
- Easily installed while tank is in service
- Constructed of maintenance-free materials
- Optional basin to eliminate messes from the Gauge Pole Float

## THE HMT GAUGE POLE FLOAT AND SLEEVE DESIGN

HMT's Gauge Pole Float and Sleeve offers an efficient way to greatly reduce emissions loss from slotted gauge poles. Here's why:

### 1. Compatible with a wide range of stored products

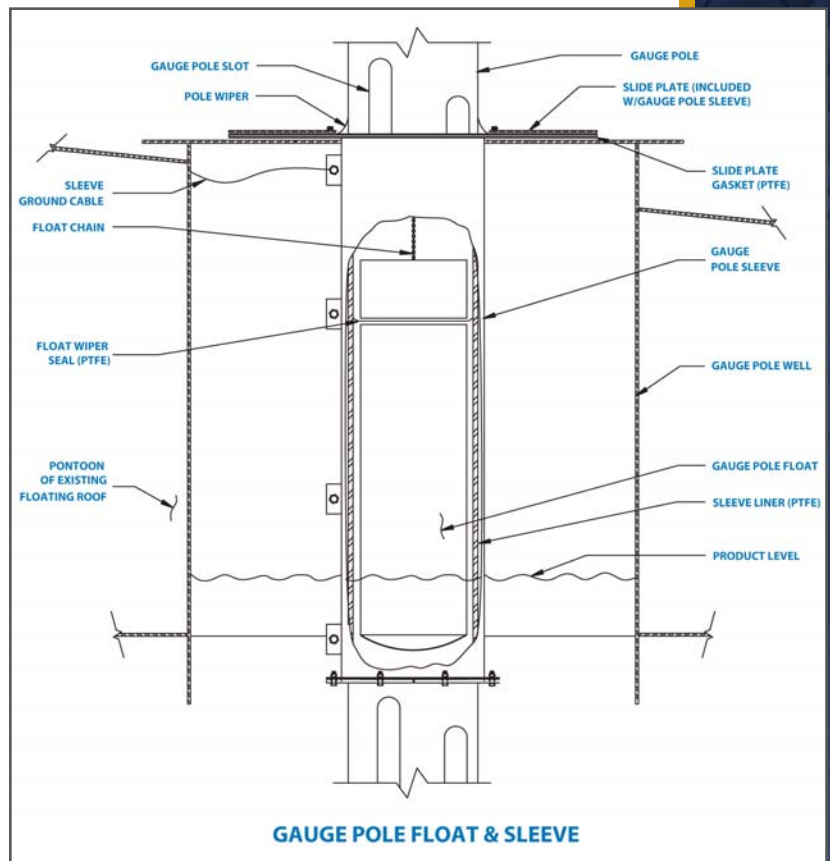
Stainless steel components ensure product compatibility with most stored products.

### 2. Effectively seals slots in gauge pole to greatly reduce emissions loss

The Gauge Pole Float and Sleeve are equipped with PTFE (Teflon®) liner and pole wiper. The float contains a Teflon® wiper and effectively plugs the gauge pole, greatly reducing emissions loss.

### 3. Industry-leading PTFE fabrics

HMT outperforms the rest in the quality and durability of our fabrics. We offer a variety of fabric choices, depending on service requirements. Our standard PTFE fabrics are laminated or cross-hatched, which are unsurpassed in terms of durability, impermeability and service life. HMT's fabrics will wear extremely well in even the most aggressive services.



## ABOUT HMT

HMT is the global leader in aboveground storage tank solutions. HMT's global team of engineers, project managers and field personnel can assist with common challenges including ways to reduce emissions, optimize tank capacity, reduce stranded inventory and engineer a tank system that exceeds safety standards and extends maintenance intervals.

**HMT's full suite of tank products includes:** External Seal Systems - Internal Seal Systems - Drain and Floating Suction Systems - Geodesic Domes - Skin and Pontoon IFRs - Full Contact IFRs - Emissions Reduction Devices

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