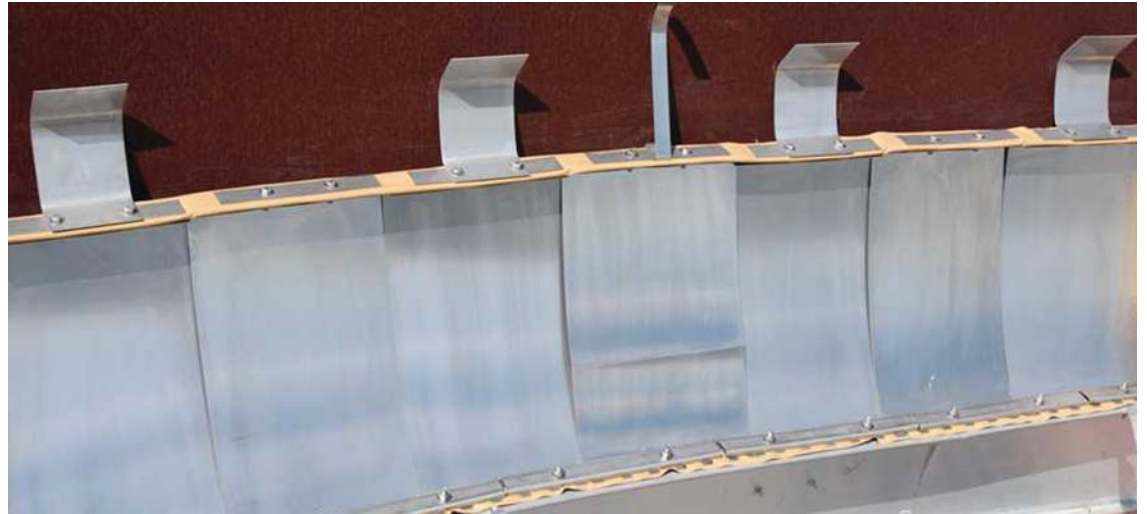




SECONDARY WIPER SEAL



The HMT Secondary Wiper Seal is a proven secondary seal that has been protecting storage tanks in the AST industry for over 30 years. The Secondary Wiper Seal has exceptional gap sealing ability, long service life and a maintenance free operation. The HMT Secondary Wiper Seal is designed to accommodate wide rim space variations and will return to the tank without special attention if the tank is overfilled.

For a field-proven secondary seal that will stand the test of time, choose the HMT Secondary Wiper Seal.

Key benefits:

The HMT Secondary Wiper Seal's primary benefits include:

Exceptional gap sealing — support plates constructed of stainless steel ensure tension will hold up year after year and seals won't gap

Excellent longevity — the HMT Secondary Wiper Seal is made of high-quality, corrosion-resistant, inert materials; this seal generally will outlast other seals on the market

Maintenance-free operation — workhorse design and materials

Key design features:

- Double layer wiper allows for built-in flexibility, less tip pressure and longer service life
- Narrow support plates ensure the seal will conform well to local shell abnormalities
- Premium fabrics for long-life and durability
- Bolt-on design for easy, fast installation
- No hot work required; can be installed while the tank is in service
- Wide range of metals and elastomers available for varying service requirements
- Vertical or horizontal rim mount
- Designed with guidance from EPA and local regulations

THE SECONDARY WIPER SEAL DESIGN

HMT's Secondary Wiper Seal makes good economic and environmental sense for external floating roofs. Here's why:

1. Long service life

The HMT Secondary Wiper Seal delivers a tight seal year after year with corrosion resistant, durable materials including tempered stainless steel plates and high quality elastomers.

2. Industry-leading PTFE fabrics

HMT outperforms the rest in the quality and durability of our fabrics. Our standard PTFE (Teflon®) fabrics are laminated, which are unsurpassed in terms of durability, permeability and service life. HMT's fabrics will wear extremely well in even the most aggressive services.

3. Handles a wide range of tank abnormalities, maintaining a tight seal

Each HMT seal is custom designed to fit the specific tank and floating roof dimensions. Constructed of quality materials like tempered stainless steel support plates, the Secondary Wiper Seal design ensures a long-lasting tight fit to common tank abnormalities.

4. Fast, easy installation

Bolt-on design allows for quick, easy installation. No hot work means it can be installed while the tank is in service.

Other benefits and options

- Wide range of metallic and non-metallic materials available for various service conditions
- Seal will return to the tank without special attention if the tank is overfilled
- Patented "Mobil" wiper tip available for riveted shell tanks
- Vertical or horizontal rim mount
- Double layer wiper for greater flexibility and longer service life
- Designed with guidance from EPA regulations
- No metal fasteners, such as bolts or pop-rivets in vapor space to cause sparking
- Foam flow openings available
- Shunts for dissipating static electricity installed above seal



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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