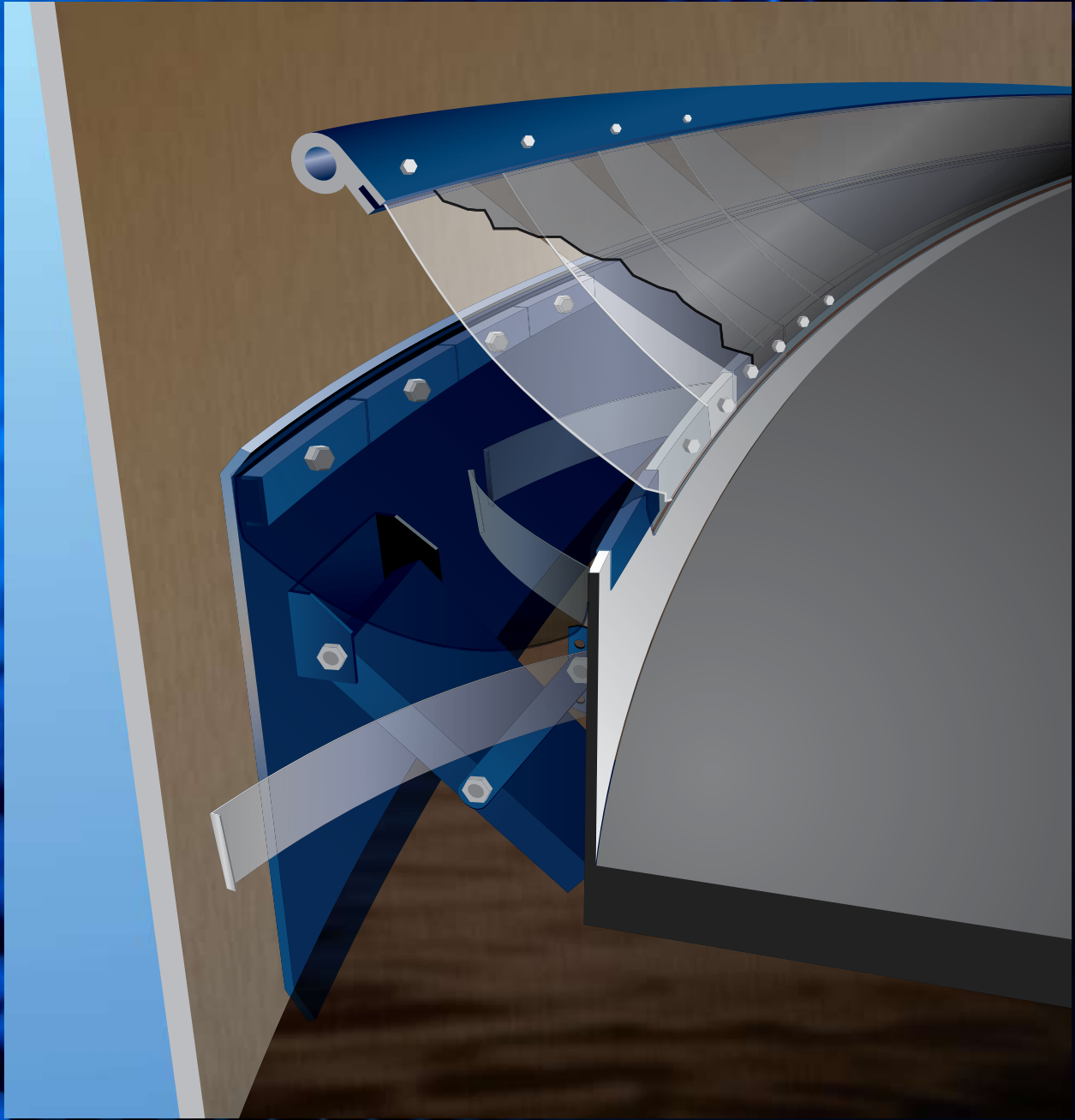


VolumeMax Low Profile Secondary Seal



BBB TANK SERVICES, INC.
PAST SERVICES AND NEW API TANKS

VolumeMax Low Profile Secondary Seal

ADVANTAGES

1. Seal system sits at 10" above floating roof on normal 8" rim space. This allows an additional 16" of storage capacity.
2. A continuous fabric is installed as a vapor barrier to eliminate possible vapor leakage that occurs in bolted support plate construction. Fabric can be replaced on underside or on the top side of the support plates, depending on inspection requirements and/or exposure issues.
3. The secondary seal is designed for a tight fit to prevent vapor loss.
4. The extruded seal tip is highly abrasion resistant and can be used in most services, resulting in a long life for a long-term maintenance free operation. Alternative seal tips are available for lap welded and riveted tanks.

DESIGN

Design criteria:

1. Forms a vapor tight seal between the floating roof and tank shell wall meeting the radial variations of ± 4 inches.
2. Operates independently and without interfering with the primary seal.
3. Designed to accommodate roof movement, shell defects, contraction, and expansion.
4. Designed to fit on egg-shaped and misshapen tanks.

REGULATORY COMPLIANCE

BBB Tank Services' seals meet or exceed the allowable gap requirements set forth by the governmental and regulatory agencies throughout the United States. This design will show superior sealing ability throughout the roof travel; accounting for roof shifting, out of roundness, buckling, and the expansion and contraction requirement of each tank.

MATERIAL

Shoes	16 Ga. G90 Galvanized Steel 16 Ga. High Grade Stainless Steel
Hanger System	Galvanized or Stainless Steel
Fabric	Urethane, Teflon, Buna, Nitrile and owner specified
Static Shunts	Stainless Steel on 10 Foot Centers
Hold-Downs	Galvanized or Stainless Steel
Tensioner	High grade aluminum or stainless steel
Bolting	Stainless Steel
NOTE	Specialty hardware and stainless steel provided upon request.



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