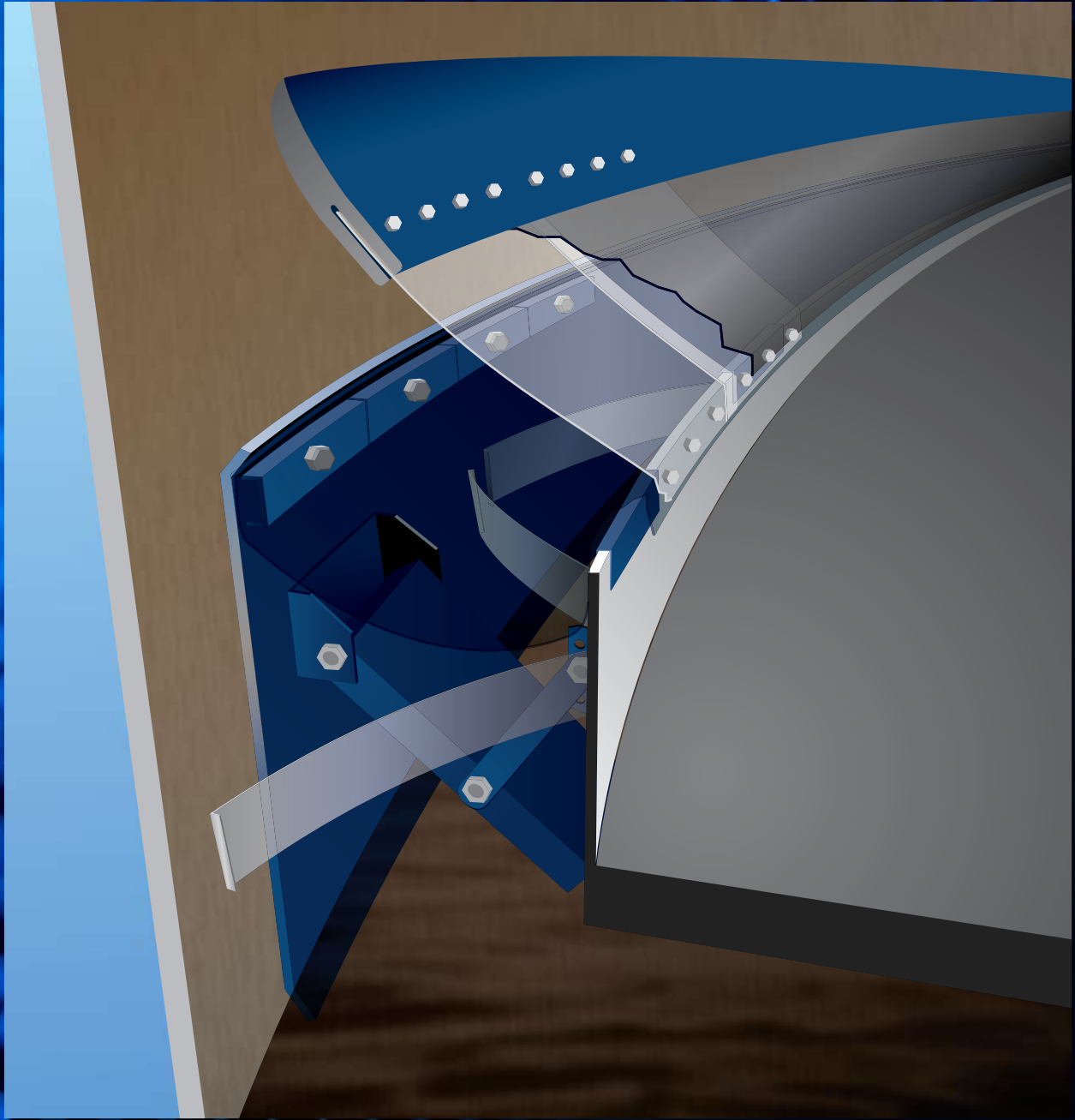


# EcoFlex Standard Secondary Seal



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

# EcoFlex Standard Secondary Seal

## ADVANTAGES

1. The secondary seal can be installed while the tank remains in service.
2. Independent overlapping support plates, not bolted together, produces greater flexing in the seal to accommodate shell deformities.
3. 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.
4. The secondary seal design diverts most rainwater from entering the primary seal area. The standard vapor seal tip fits vertical with the shell. Seals designed with horizontal tips will not flip in unison causing compliance problems and more internal moisture.
5. The secondary seal is designed for a tight fit to prevent vapor loss.
6. 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.

## DESIGN

**EcoFlex Vapor Seal**—Follows an established industry design that has a proven record of service life and seal integrity.

### Design criteria:

1. Forms a vapor tight seal between the floating roof and tank shell wall meeting the radial variations of  $\pm 4$  inches.
2. These can be installed while the tank remains in service. Limited hot work is required.
3. Operates independently and without interfering with the primary seal.
4. Designed to accommodate roof movement, shell defects, contraction, and expansion.

## 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

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

## GUARANTEE

BBB warrants its seals to be free from defects in the material and workmanship for a period of one year. Our liability under any express or implied warranty is limited to the purchaser price of any part found defective. Any seal systems installed by BBB Tank Services will have an additional one-year warranty.



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