

Foam Log Seals

Resilient Foam Primary Seal Systems

Mesa Resilient Foam Log seals are designed as a primary seal for External Floating Roof Tanks (EFRT) and Internal Floating Roof Tanks (IFRT). The basic components of this seal system include Scuff-Band "Envelope," polyurethane Foam Log material and hold down bars. This liquid mounted Foam Log seal system greatly reduces VOC emissions.

Full-Wrap Scuff-Band "Envelope"

- Features exclusive **MesaThane 6036** urethane seal material
- Minimum 80% ratio of urethane material to reinforcement fabric ensures exceptional abrasion resistance
- Compatible with gasoline, crude oil (sour and sweet), fuel oil, jet fuel, diesel, MTBE and other stored products
- Supplied in a single continuous length to suit the tank circumference

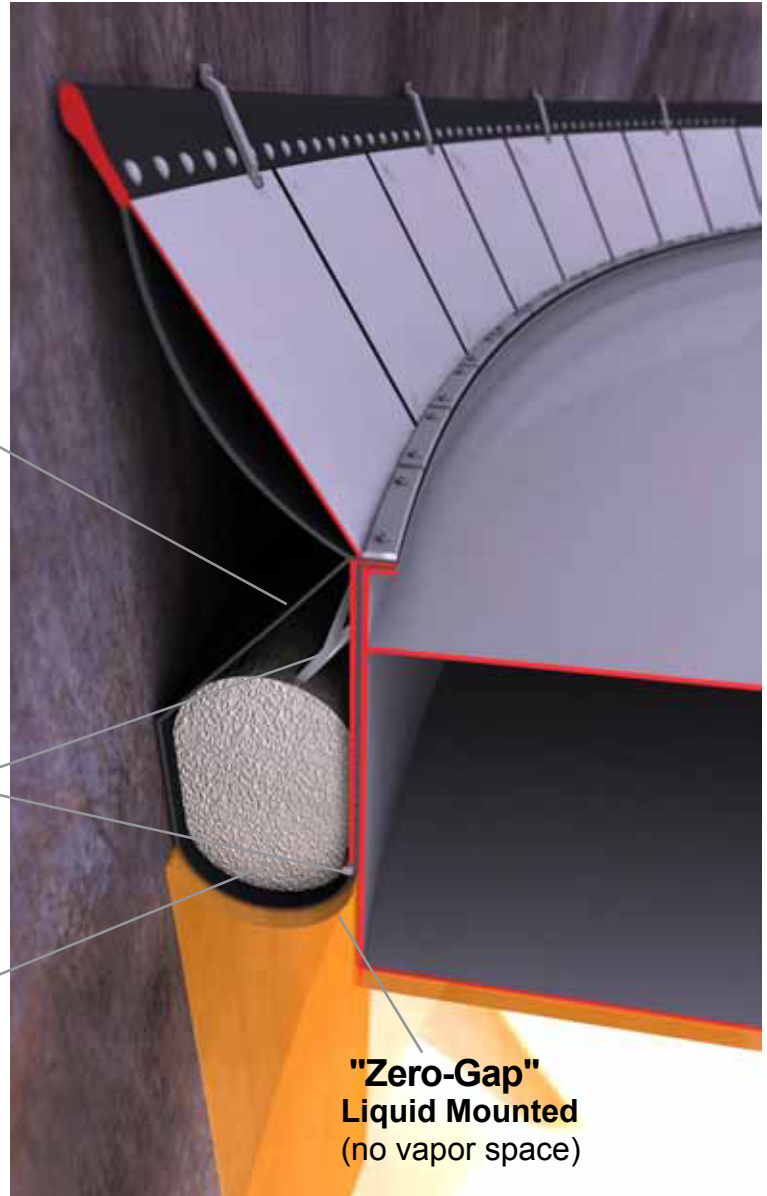
Hold Down Bars

Galvanized bars keep Foam Logs in position within Scuff-Band. Upper bars are included when seal must be deeply immersed in stored product.

MesaFoam Polyurethane Foam Logs

- Mesa medium density Resilient Polyurethane Foam
- Foam Log shapes include octagonal, delta, trapezoidal, hexagonal and square
- Flexibility allows seal system to conform to irregularities in the tank shell

HIGHLY ABRASION RESISTANT SEAL SYSTEM FOR FLOATING ROOF TANKS



"Zero-Gap"
Liquid Mounted
(no vapor space)

Northeast

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Southeast

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POLYURETHANE STANDARD (MEDIUM) DENSITY FOAM* Specification Number 1220 - Revision A (Standard foam may have some glue seams)	
Tensile (Before heat aging lbs/in ² minimum) (After heat aging lbs/in ² minimum) (+/-20%)	10 12 +20%
Tear (lbs/inch minimum)	1.5
Elongation %	180
Compression Set % (at 75% deflection)	10
Density (Weight per Cubic Foot) lbs/ft ³	1.0 min to 1.3 max
Resilience %	39
Indentation Load Deflection (at 25% deflection)	27
Load Deflection Change % (after humidity aging)	10
Flex Fatigue % (maximum)	25
Temperature Range (Degrees F)	-20 to +200
Standard Length (Longer lengths with glued seams)	7 ft (2.1336m)

Reference: ASTM D 3574-98 (Test Methods for Flexible Cellular Materials - Slab, Bonded and Molded Urethane Forms)

Note: For use as core for envelope in Primary Seal Systems

*Can be supplied in several configurations, densities and specifications, depending on specific requirements. Diameter or width selected depends on the maximum rim space (Mesa assumes tank and floating roof meet API 650).



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