

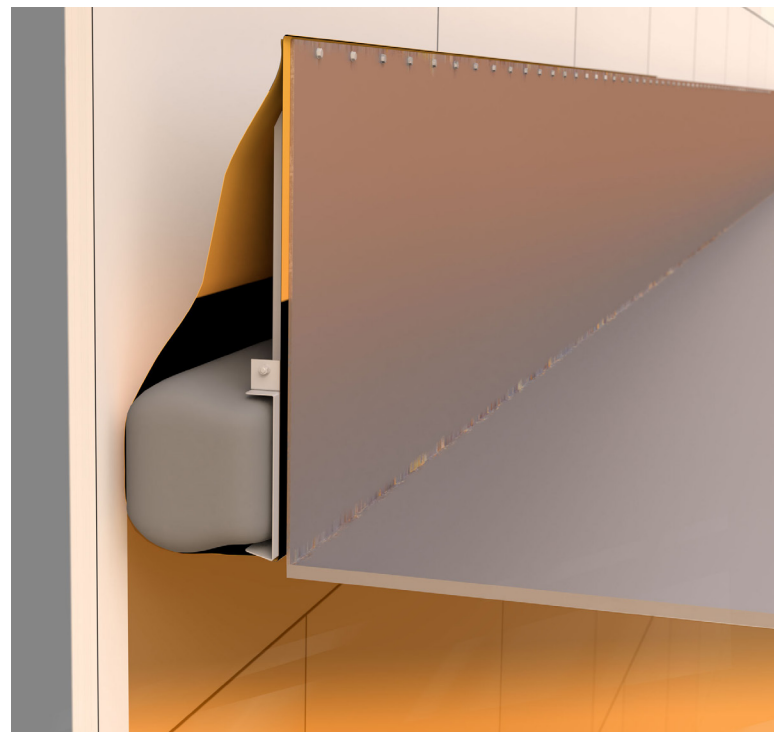
MESA ETP FLEXCORE™ LIQUID MOUNTED SEAL PROVIDES INDUSTRY-BEST EMISSION CONTROL, DURABILITY, APPLICATION FLEXIBILITY, AND EASE OF INSTALLATION.

FlexCore™ is the latest innovation in AST floating roof primary seals from Mesa ETP. With the breakthrough laminate, Armor Fabric™, the FlexCore™ Liquid Mounted Seal outperforms AND outlasts mechanical shoe seals.

How? Liquid mounted seals are shown to cut emissions up to 70% compared to the best mechanical shoe designs. The problem was durability. Until now.

Mesa ETP Armor Fabric™ is engineered from a material that's tougher than Kevlar and 15 times more abrasion resistant than carbon steel. In fact, after 200,000 cycles on the Taber Wheel test, we couldn't make it fail! Armor Fabric™ is also compatible with most tank product and exhibits an extremely low coefficient of friction to help movement and protect the tank wall.

That means tank owners can confidently rely on FlexCore™ for lower emissions over the entire 10-15 year maintenance cycle with no vapor barrier failure or reduction in emission control. Contractors will benefit from improved safety and faster installation without the hundreds of small fasteners that are difficult to handle with safety gloves.



BENEFITS

- EMISSION REDUCTION
- CHEMICAL RESISTANCE
- EASE OF INSTALLATION
- CORROSION PROTECTION
- ENGINEERED DESIGN
- ABRASION RESISTANCE

FLEXCORE™

LIQUID MOUNTED SEAL

MESA ETP FLEXCORE™

ENGINEERED PRODUCTS FOR ABOVEGROUND STORAGE TANKS
LIQUID MOUNTED SEAL WITH ARMOR FABRIC™ ABRASION-PROOF VAPOR BARRIER

LOWEST EMISSIONS, LONGEST LIFE.

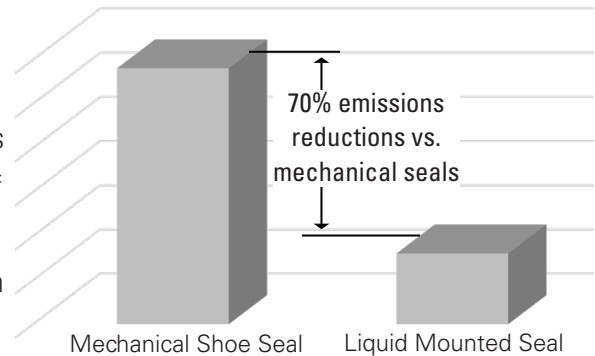
There is mounting pressure on the industry to operate in more efficient and environmentally sound ways, without sacrificing bottom line performance. Liquid mounted seals are shown to cut emissions by nearly 70% compared to the best mechanical shoe seal designs. Liquid mounted seals are EPA and API approved, and provide a solution that helps achieve 98% emissions efficiency (which will be the new Kc standard) even in external floating roof applications. The ideal solution to the emissions problem is to create a liquid mounted seal that would match or surpass the reliability and lifespan of mechanical shoe seals while delivering the superior emission control performance of liquid mounted seals as cited by the EPA in AP-42.

Unlike mechanical shoe seals, Mesa ETP FlexCore™ Liquid Mounted Seal sits directly on the product, eliminating the highly corrosive vapor space that compromises seal integrity and creates a fire hazard.

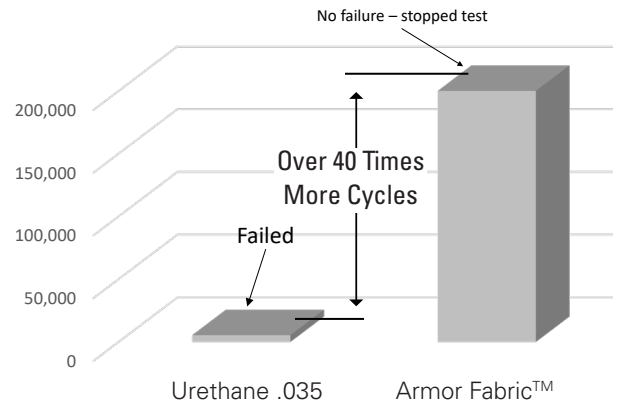
- Is faster to install and requires less labor and hardware than a mechanical shoe seal
- Employs a variable height mounting system to reduce foam log weight and simplify installation
- Offers superior chemical compatibility to create a universal seal regardless of tank product
- Reduces stress on the floating roof and can protect coatings thanks to lower coefficient of friction than stainless steel.

The Mesa ETP FlexCore™ solution features Armor Fabric™, our innovative new abrasion-resistant fabric that is stronger than steel or Kevlar® and provides a longer life of superior emission control when compared to mechanical shoe seals or foam log seals.

RIM SEAL EMISSION FACTOR COMPARISON



TABER ABRASION CYCLES



Unleashing the Durability: Our Armor Fabric™ goes the extra mile, offering an abrasion resistance life that surpasses other market contenders by at least 40 times!



MEMBERSHIPS

