

Bellows Transition Fitting

A secure yet flexible, fully contained SAFE-Tank[®] bottom discharge

By incorporating an expansion joint, the tank expands freely during loading and unloading, and it virtually eliminates damage from piping vibrations caused by pumps.

With this performance-maximizing fitting:

- Containment of the expansion joint eliminates the threat of uncontained chemical leaks and dangerous “spurts.”
- Piping layouts can be fully contained by connecting a dual-wall piping system onto the fitting. This can mean a safer workplace and less threat to the environment.
- Unsurpassed containment of discharge is allowed on a SAFE-Tank[®].
- The SAFE-Tank[®] system with ‘Bellows Transition Fitting’ meets OSHA standards for 100% containment. (competitors double wall containment tank system does not)



Poly Processing Fully Contained Bottom Discharge



The SAFE-Tank[®] system with ‘Bellows Transition Fitting’



Competitors Double Wall Containment tank system

Regarding the competitors double wall containment tank system, if the inner tank piping flange, gaskets or bolts have any type of breach, the fluid in the inner tank can leak out beyond the secondary containment. This could create an immediate danger to employees and the surrounding environment. The Poly Processing Bellows Transition Fitting is extremely important when containing chemicals such as sulfuric acid which have dangerous exothermic reactions to water (rain). Using the SAFE-Tank[®] system could mean the difference between an emergency plant shutdown versus a scheduled shutdown if an inner tank breach has been discovered.

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