

FLUOR-O-FLO®

PTFE & PVDF Tank Adapters (Bulkhead Fittings)



- Quick and Easy Connection to Any Type of Tank.
- Sealing Flexibility
- Extreme Corrosion Resistance

Micromold's FLUOR-O-FLO® PTFE and PVDF bulkhead fittings allow quick, easy connection of Micromold's FLUOR-O-FLO® PTFE or other piping system to any type of tank: plastic, metal, or lined. The fittings may be installed without adapters in either flat wall tanks, or most cylindrical tanks. For use with small diameter cylindrical tanks, we can supply custom adapters.

To maximize creep resistance, FLUOR-O-FLO® PTFE bulkhead fittings (and all female FLUOR-O-FLO® fittings) are made from Micromold's MICROFLON™, a special virgin PTFE. PVDF fittings are made from natural virgin materials. Standard fittings are supplied with Teflon® FEP encapsulated, hollow core, silicone o-rings. PFA encapsulated, or PTFE, or other o-ring materials can be supplied.

Available in pipe sizes ranging from 1/8" through 4". For PTFE fittings, connecting joint is female NPT threaded. PVDF fittings are available NPT threaded, or socket weld for IPS or metric pipe.

May be used with tanks having walls up to 1/2" thick for 1/8" NPT fittings, and up to 1" thick for 4" NPT fittings. Fittings for heavier tank walls are available.

To provide the best possible seal, standard fittings are supplied with special FEP encapsulated o-rings which seal to the interior tank wall. The special silicone hollow core o-ring provides sealing flexibility, and also compensates for any creep relaxation which may occur in the fitting body. The FEP encapsulation of the o-ring maintains the superior corrosion resistance of the fitting. For high temperature service, FEP or PFA encapsulated Viton™ or solid PTFE o-rings can be substituted. Buttress form threads are used on the lock-nut to allow the compressive forces needed to obtain a proper seal of the o-ring against many difficult to seal interior tank surfaces.

Call today for our
FLUOR-O-FLO® Tank Adapters
Product Specifications