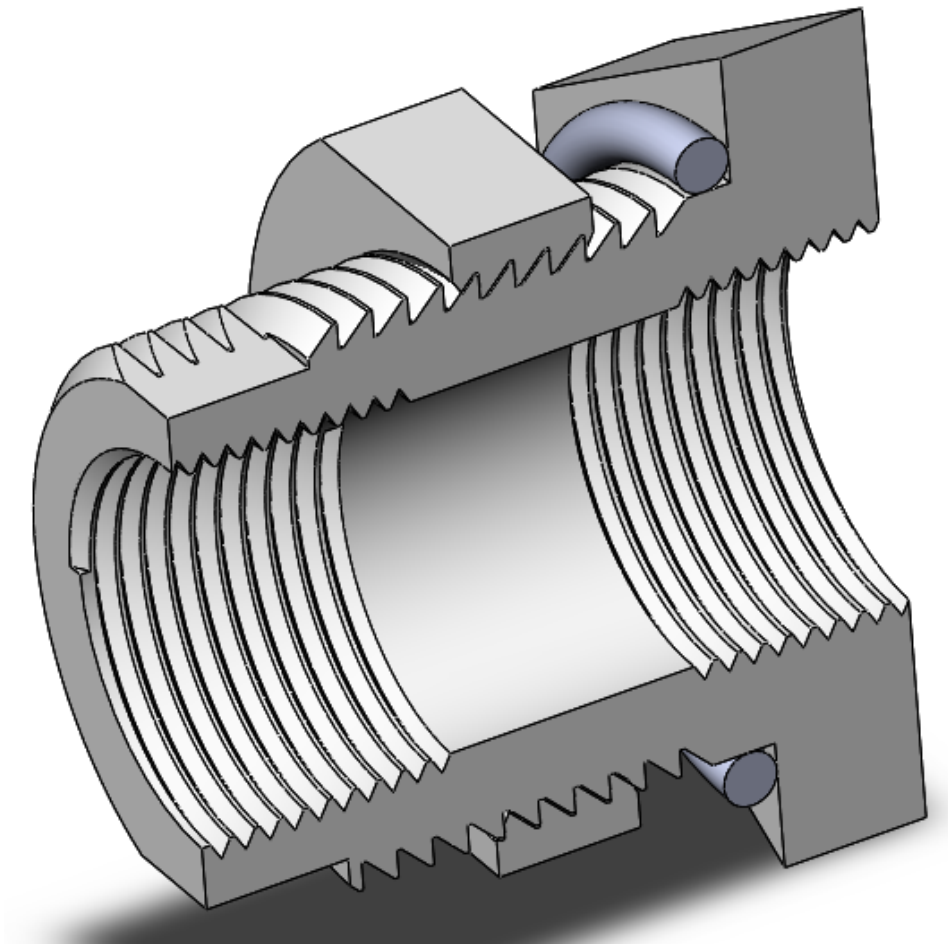




Fluoropolymer Bulkhead Fittings

PTFE and PVDF



Document	Revision:	Date:	Originated by:
BULK-OL	0	01 MAY 17	P VAUGHN



NPT Adaptors for Thin Walled Tanks

Overview

Bulkhead fittings are mostly used for easy installation in thin walled tanks. An O-ring seal is used to seal against the inside of a tank. Each fitting is designed to create maximum contact stress between the inside of a tank's wall and the sealing O-ring. This is accomplished by the very low coefficients of friction intrinsic in Fluoropolymer materials and specialized threads. These specialty materials also are extremely corrosion resistant and can be used not only in extreme service conditions but in high purity applications as well.

Construction Specifications

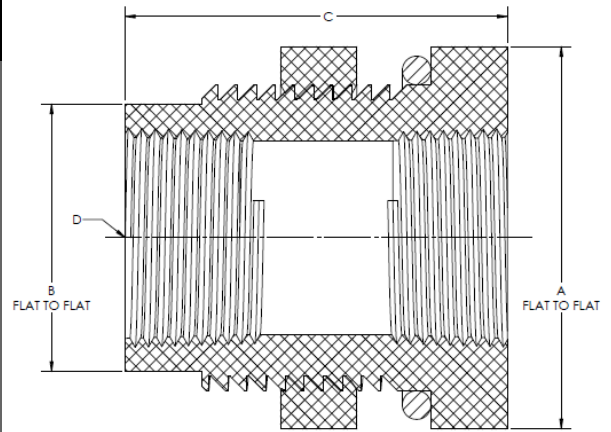
- Machined and fabricated from thermoplastic material available in
 - PTFE (Teflon)
 - PVDF
- All threads standard size Buttress threads
- Standard FNPT ports both sides
- Service temperatures dependent on construction material
- Standard O-ring material FEP encapsulated silicone also available in
 - PTFE
 - FKM (Viton)
 - EPDM
- Specialty fittings can be designed and manufactured for non-standard product use

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Dimensions

Size (NPT)	A	B	C	Max Wall Thickness	Min Tank Diameter
1/8"	2-1/2"	1-1/2"	2-1/2"	1/2"	18-3/4"
1/4"	2-1/2"	1-1/2"	2-1/2"	1/2"	18-3/4"
1/2"	2-1/2"	1-1/2"	2-1/2"	1/2"	18-3/4"
3/4"	2-1/4"	1-1/2"	2-1/2"	1/2"	27-1/8"
1"	2-3/4"	1-3/4"	2-1/2"	3/4"	44-1/2"
1-1/4"	3"	2-1/2"	2-1/2"	3/4"	48"
1-1/2"	3-1/4"	2-1/4"	2-1/2"	3/4"	56-1/2"
2"	3-3/4"	2-5/8"	3"	3/4"	75"
2-1/2"	4-1/4"	3-1/2"	3-1/2"	1"	96"
3"	5"	4"	3-1/2"	1"	133"
4"	6-3/8"	5"	4-1/2"	1"	146"



Part Number Identification

BULK- X X X -Y Y Y Y - Z Z Z Z

X X X = Nominal pipe size x100 (in decimal)

Y Y Y = Type of material

PTFE-Teflon

PVDF-PVDF

Z Z Z Z= O-ring material

FEPS-FEP encapsulated silicone

PTFE-PTFE

EPDM-EPDM

FKM0-Viton

Example: 1-1/2" Teflon Bulkhead fitting w/ Viton

BULK-150-PTFE-FKMO

Sales and Support

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