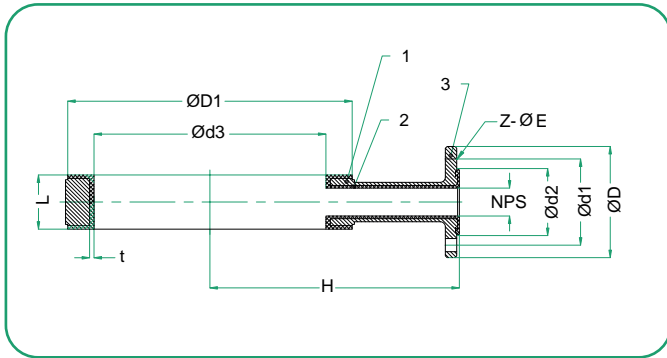




Features / Design

Lined Fittings - Series TIL / Instrument Tee

- Design & Manufacture Standard: ASTM F1545, HG/T 2437.
- Flange Standard: ANSI B 16.5, HG/T 20592.
- Face to Face Dimension: HG /T 2437.
- Lining Thickness: 3 to 5 mm.
- Inspection and Test Standard: ASTM F1545.
- Liner Inspection: Spark test 10-20 Kv.
- Flange Material: A105, SS304, SS316... and others.
- Lining Material: PTFE, PFA, FEP... and others.



Material List

NO.	PART NAME	MATERIAL
1	BODY	ASTM A 105
2	LINER	PTFE
3	FLANGE	ASTM A106 Gr. B

NOTE: Material list as example, other materials and liners available.

Dimensions

NPS (in)	L (in)	ØD1 (in)	H (in)	ØD (in)	Ød1 (in)	Z	ØE (in)	t (in)	Ød2 (in)	Ød3 (in)	Weight (lbs)
1 1/2" x 1"	2.362	2.874	4.016	4.331	3.126	4	0.630	0.157	2.008	1.654	4.409
2" x 1"	2.362	3.622	4.488	4.331	3.126	4	0.630	0.157	0.157	1.969	5.512
2" x 1 1/2"	2.953	3.622	4.488	4.921	3.874	4	0.630	0.236	0.236	1.969	6.614
3" x 1"	2.362	5.000	5.512	4.331	3.126	4	0.630	0.236	0.236	2.874	8.818
3" x 1 1/2"	2.953	5.000	5.512	4.921	3.874	4	0.630	0.236	0.236	2.874	11.023
3" x 2"	3.543	5.000	5.512	5.906	4.752	4	0.748	0.236	0.236	2.874	13.228
4" x 1"	2.362	6.181	6.496	4.331	3.126	4	0.630	0.236	0.236	3.662	14.110
4" x 1 1/2"	2.953	6.181	6.496	4.921	3.874	4	0.630	0.236	0.2874	3.622	22.046
4" x 2"	3.543	6.181	6.496	5.906	4.751	4	0.748	0.236	3.662	3.622	23.149
6" x 1"	2.362	8.504	7.992	4.331	3.126	4	0.630	0.276	2.008	5.668	18.519
6" x 1 1/2"	2.953	8.504	7.992	4.921	3.874	4	0.630	0.276	2.874	5.669	28.660
6" x 2"	3.543	8.504	7.992	5.906	4.752	4	0.630	0.276	3.622	5.669	30.865
8" x 1"	2.362	10.630	9.016	4.331	3.126	4	0.630	0.315	2.008	7.480	24.251
8" x 1 1/2"	2.953	10.630	9.016	4.921	3.874	4	0.630	0.315	2.874	7.480	28.660
8" x 2"	3.543	10.630	9.016	5.906	4.752	4	0.748	0.315	3.622	7.480	39.683
10" x 1"	2.362	12.756	10.984	4.331	3.126	4	0.630	0.354	2.008	9.370	31.967



How to Order

SERIES NUMBER	BODY	MATERIAL			SEAT	ENDS	CLASS	SIZE	OPERATION
		DISC	BODY & TRIM LINER						
TIL	2 A105 / WCB	NONE	P PTFE	NONE	W Wafer	0 ANSI 150#	01.5X1 1 1/2" x 1"	NONE	
	4 A312 TP 304		V PVDF				02X1 2" x 1"		
	6 DI A395			L PPL					02X01.5 2" x 1 1/2"
				W HDPE					03X1 3" x 1"
				A PFA					03X1.5 3" x 1 1/2"
				F FEP					03X2 3" x 2"
									04X1 4" x 1"
				04X1.5 4" x 1 1/2"					
				04X2 4" x 2"					
				06X1 6" x 1"					
				06X1.5 6" x 1 1/2"					
				06X2 6" x 2"					
				08X1 8" x 1"					
			08X1.5 8" x 1 1/2"						
			08X2 8" x 2"						
			10X1 10" x 1"						

Example:

Lined Instrument Tee, Body WCB + PFA Liner, Flanged RF ANSI Class 150# Size 6" x 2".

TIL2AF006X2