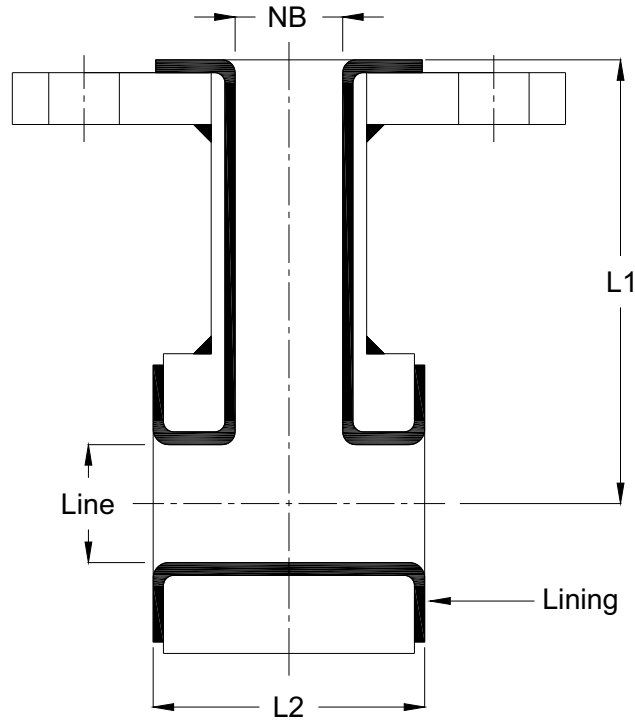


LINED INSTRUMENT TEE



Specification

Pipe: Steel Fabrication Sch. 40 ASTM A 106 Gr.B,
Cast Steel ASTM A 216 Gr. WCB
Flange: ASTM A105 as per ANSI B 16.5, 150#
Lining: FEP / PFA / HDPE / PP / PVDF
Lining Thk.: 3mm to 6mm

Testing

- 1) 100% Visual Check/ Dimensional Check
- 2) 100% Hydro Test at 29.8 Kg/cm²(g) holding time 3 min, as per ASTM F1545 -15A
- 3) 100% Spark Test at 15KV after Lining
- 4) 100% Lining Thk. to be Checked



DIMENSION TABLE			
Line	Flange	Length	
NB1	NB2	L1	L2
25	25	89	51
40	25	102	51
40	40	102	76
50	25	114	51
50	40	114	76
80	25	140	51
80	40	140	76
100	25	165	51
100	40	165	76
150	25	203	51
150	40	203	76
200	25	229	51
200	40	229	76

FLANGE DIMENSION DETAIL						
Flange Size	Diameter	Raised Face	P.C.D	Flange Thick.	No. of Holes	Hole Dia
NB	D	R/F	K	T	N	∅
25	108	51	79.4	19.5	4	19
40	127	73	98.4	22.2	4	19
50	152.4	92	120.7	24	4	19
80	190.5	127	152.4	24	8	19
100	228.6	157	190.5	25.5	8	22.2
150	279.5	216	241.3	29	12	22.2
200	342.9	270	298.5	30.5	12	25.4
250	406.4	324	362	32	12	25.4
300	482.6	381	431.8	34.9	12	28.6
350	533.4	413	476.2	35	12	28.6