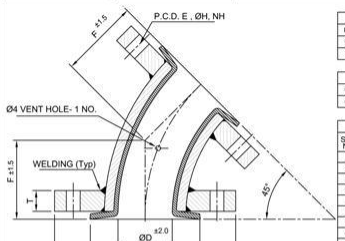

MATERIAL SPECIFICATION	
(1) FLANGE	AS PER ASTM A-105
(2) BEND	ASTM A 234 Gr. WPB,
(3) LINER	PTFE CONFORMING TO ASTM :-D-4895

DIMENSIONS SPECIFICATION
(1) ALL DIMENSIONS ARE IN m.m.
(2) FLANGE DIMENSIONS AS PER ASME B16.5, ASA 150 #

DIMENSIONS TABLE - ASA 150#

SR. NO.	SIZE (mm)	LINING THK.(mm)	ØA	T	ØB	ØD	PCD E	NH	ØH	F	QTY (Nos.)
1	15	3.0	88.9	11.1	35.0	10.0	60.3	4	16.0	44.0	---
2	20	3.0	98.4	12.7	43.0	15.0	69.8	4	16.0	44.0	---
3	25	3.2	108.0	14.3	50.8	20.0	79.4	4	16.0	45.0	---
4	32	3.2	117.5	15.9	63.5	29.0	88.9	4	16.0	51.0	---
5	40	3.2	127.0	17.5	73.0	34.0	98.4	4	16.0	57.0	---
6	50	3.5	152.4	19.0	92.0	45.0	120.6	4	19.0	64.0	---
7	65	3.5	177.8	22.2	104.8	55.0	139.7	4	19.0	76.0	---
8	80	3.5	190.5	23.8	127.0	71.0	152.4	4	19.0	76.0	---
9	100	4.0	228.6	23.8	157.2	94.0	190.5	8	19.0	102.0	---
10	125	5.0	254.0	23.8	185.7	121.0	216.0	8	22.2	114.0	---
11	150	5.0	279.4	25.4	215.9	145.0	241.3	8	22.2	127.0	---
12	200	5.0	342.9	28.6	269.9	194.0	298.4	8	22.2	140.0	---
13	250	5.0	406.5	30.2	323.8	245.0	361.9	12	25.4	165.0	---
14	300	5.0	482.6	31.7	381.0	295.0	431.8	12	25.4	190.0	---

INSPECTION (AS PER ASTM F 1545 CLAUSE : 7)
(1) VISUAL CHECK. / DIMENSIONAL CHECK.
(2) HYDRO TEST AT 28 kg/cm^2 AFTER LINING
(3) SPARK TEST AT 15 kV BEFORE & AFTER HYDRO TESTING

DWN.	ANILBHAI PRAJAPATI	11.02.11	PROJECTION
CHKD.			
APPD.			SCALE: N.T.S.
SHEET	1 of 1		

ALL DIMENSION ARE IN MM.
UNLESS SPECIFIED TOLERANCE : ±2.0
BRAKE SHARPE EDGE & REMOVE ALL BURRS.

MATL.: TITLE

WEIGHT(kgs):

PTFE LINED
45° BEND
(ASA 150#)

DSE DIP-FLON ENGINEERING & CO.

DRG NO: DFE / G.A.DWG.

REF. No.:

REV. No.: 00

DATE	REVISION	DESCRIPTION	REVISED BY	CHECKED BY	APPROVED BY