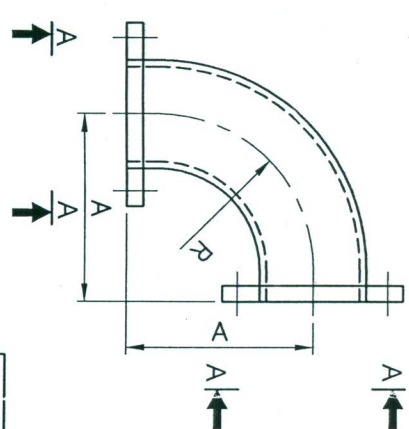


ELBOW FLG. (R=3D)



ELBOW FLG. (R=1.5D)

PIPE	R	A	R	A
50 NB	76	96	152	195
65 NB	95	118	101	234
80 NB	114	138	229	254
90 NB	133	137	-	-
100 NB	152.4	177	305	324
125 NB	190.5	215	301	404
150 NB	228.6	254	457	470
200 NB	304.8	334	610	634
250 NB	381	412	762	789
300 NB	457.2	489	914	944
350 NB	533.4	569	1067	1099
400 NB	610	647	1219	1254

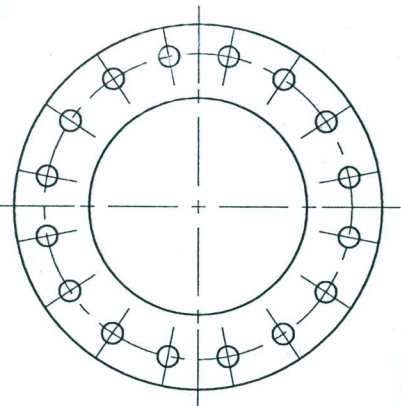
PIPE SIZE	THICKNESS
200 NB	4.5
250 NB	5.0
300 NB	5.6
400 NB	6.35

TABLE - A

Properties of Hard natural rubber
 Natural Rubber : IS: 4682 PART-1
 Rubber Lining Thickness - 6mm
 Hardness : Shore D 70±5°
 Sp. Gr. : 1.0 to 1.2
 Ash Content : 7% Max.
 Adhesion : 3.6 Kg/cm as per IS:3400 Part V

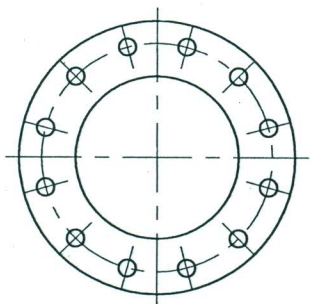
Note

1. Lining conforming to IS 4682.
2. Vulcanising should be done in autoclave. Joints should be overlapped with bevel joints
3. Lining should be done with calandered sheet.
4. Final inspection will be done at our site.



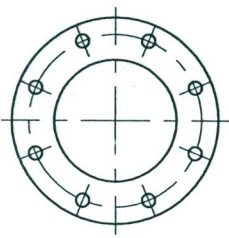
VIEW - A - A

FLANGES FOR PIPES
FROM 400 NB & ABOVE



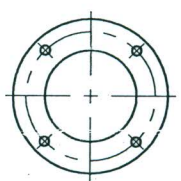
VIEW - A - A

FLANGES FOR PIPES
FROM 250 TO 350 NB



VIEW - A - A

FLANGES FOR PIPES
FROM 100 TO 200 NB



VIEW - A - A

FLANGES FOR PIPES
UP TO 80 NB

- NOTE :-**
1. ALL FLANGES ARE AS PER ANSI-B16.5, 150. FLAT FACE UNLESS OTHERWISE STATED.
 2. ALL FLANGES BOLT HOLES ARE EQUALLY SPACED.
 3. BENDS ARE TO BE MADE FROM ERW PIPES AS PER IS:1239-1 HEAVY GRADE UP TO 150 NB FOR SIZE 200 NB AND ABOVE FROM ERW PIPES AS PER IS:3589 WITH THICKNESS AS PER TABLE - A
 4. ALL THE DIMENSIONS ARE EXCLUDING RUBBER LINING THICKNESS.

MATERIAL :- M.S. RL (HARD LINED)

(Handwritten signature)



URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES
 (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN. Rajesh 16.02.16

CHECKED NK Nayak

APPROVED MKS

SCALE - NTS

DIMENSIONS IN MM

90° BEND

REV.	REV BY	DATE
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DESCRIPTION

DRG.NO. - UCT-2/MECH/PIPE/225

REV - 0