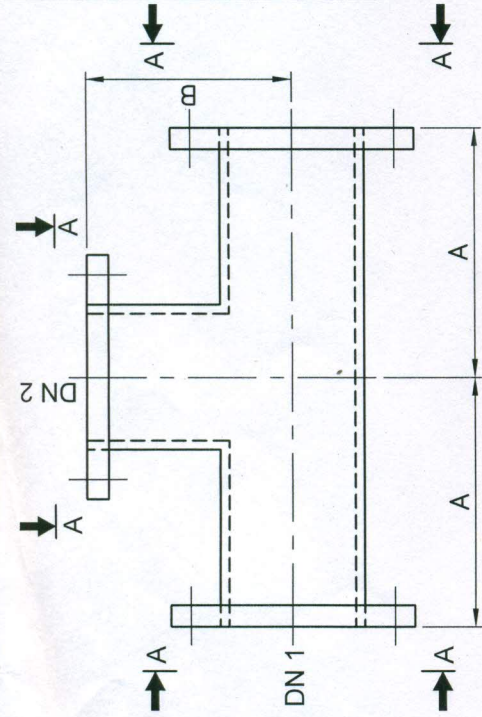


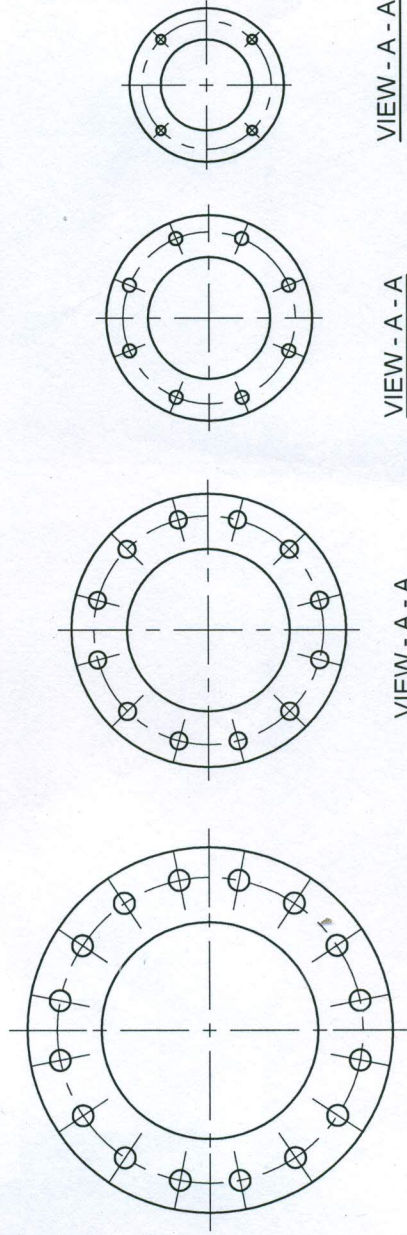
Properties of soft natural rubber
 Rubber Lining Thickness - 25-80 NB 3.5 mm
 Rubber Lining Thickness - 90-125 NB 4.5 mm
 Rubber Lining Thickness - 150 NB & Above 6 mm
 Hardness : Shore A 40±5°
 Tensile Strength : 150 -180 kgf/cm²
 Sp. Gr. : 1.0 to 1.1
 Elongation : 450 % Min.
 Ash Content : 11% Max.
 Resilience : 60±5 %
 Abrasion Resistance : 65 mm³ at 10 N as per DIN 53516
 Adhesion : 3.6 Kg/CM as per IS:3400 Part V



FLANGED TEE

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

TABLE - A



Note 1. Lining conforming to IS 4682.

2. Vulcanising should be done in autoclave.

3. Lining should be done with calandered sheet.

4. Final inspection will be done at our site.

NOTE :- 1. ALL FLANGES ARE AS PER ANSI-B16.5, 150.

2. ALL FLANGES BOLT HOLES ARE EQUALLY SPACED.

3. TEE ARE TO BE MADE FROM ERW PIPES

AS PER IS:1239-1 HEAVY GRADE UPTO 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.



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

MATERIAL :- M.S. RL

REV.	REV. BY	DATE	DESCRIPTION	DRN.	Checked	APPROVED	SCALE - NTS	DIMENSIONS IN MM	DRG.NO.- UCT-2/MECH/PIPE/144	REV.- 2
2	SKG	03.06.16	RUBBER PROPERTY CHANGED	Rajesh	N. K. Nayak	MKS			FLANGED TEE	
1	NKN	01.05.14	HOLE DIRECTION CHANGED							