



MATERIAL SPECIFICATION

- (1) FLANGE/ WELD AS PER ASTM A-105
- (2) PIPE ASTM A-106, CH. B, SA-40
- (3) LINER PTFE (REF/STANDARD TO ASTM 1-6, 4PP)

INSPECTION (AS PER ENR 7 SECTION 1.7)

- (1) VISUAL CHECK, / DIMENSIONAL CHECK.
- (2) HYDRO TEST AT 38 kg/cm² AFTER LINING.
- (3) SPIRAL TEST AT 15 M BEFORE & AFTER HYDRO TESTING.

DIMENSIONAL SPECIFICATION

- (1) ALL DIMENSIONS ARE IN MM.
- (2) FLANGE DIMENSIONS AS PER ENR 8 B.S., ASA 106



No. / REV. / DATE / /
 PROJECT NO. / Dwg. No.
PTFE LINED
SPOOL PIPE
 (DIMENSION TABLE)
 PROJECT:
 SHEET NO. DFE / S.A. Dwg.
 REV. No. / REV. No. QC

DATE / / DESIGNED BY CHECKED BY APPROVED BY

FLANGE DIMENSIONS AS PER ENR 8 B.S., ASA 106

DN (NO.)	SIZE (MM)	FLANGE THICKNESS (mm)	RA	T	DR	T1	RF	R100.0	R90	R75	R60	R45	R30	R15	DR
1	15	3.0	68.8	11.1	55.0	9.0	10.0	60.3	4	18.0	-	-	-	-	-
2	20	3.0	88.4	12.7	63.0	10.2	10.0	68.8	4	18.0	-	-	-	-	-
3	25	3.2	108.8	14.3	51.0	11.4	20.0	79.4	4	18.0	-	-	-	-	-
4	40	3.2	127.0	17.8	53.0	14.0	34.0	86.4	4	18.0	-	-	-	-	-
5	50	3.5	152.4	18.0	62.8	15.2	45.0	100.8	4	18.0	-	-	-	-	-
6	60	3.5	177.8	22.0	104.8	17.7	65.0	109.7	4	18.0	-	-	-	-	-
7	80	3.5	190.5	23.8	107.8	18.0	71.0	152.4	4	18.0	-	-	-	-	-
8	100	4.0	228.8	23.8	107.8	18.0	84.0	190.5	6	18.0	-	-	-	-	-
9	125	4.0	284.0	23.8	180.7	18.0	121.8	216.0	8	23.2	-	-	-	-	-
10	150	5.0	278.4	25.4	215.8	20.2	145.8	241.3	8	23.2	-	-	-	-	-
11	200	6.0	342.8	28.8	208.8	22.8	184.2	288.4	6	23.2	-	-	-	-	-
12	250	6.5	408.4	30.3	323.8	24.1	245.8	301.8	10	25.4	-	-	-	-	-
13	300	6.5	482.8	31.7	381.0	26.0	292.8	431.8	12	25.4	-	-	-	-	-



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