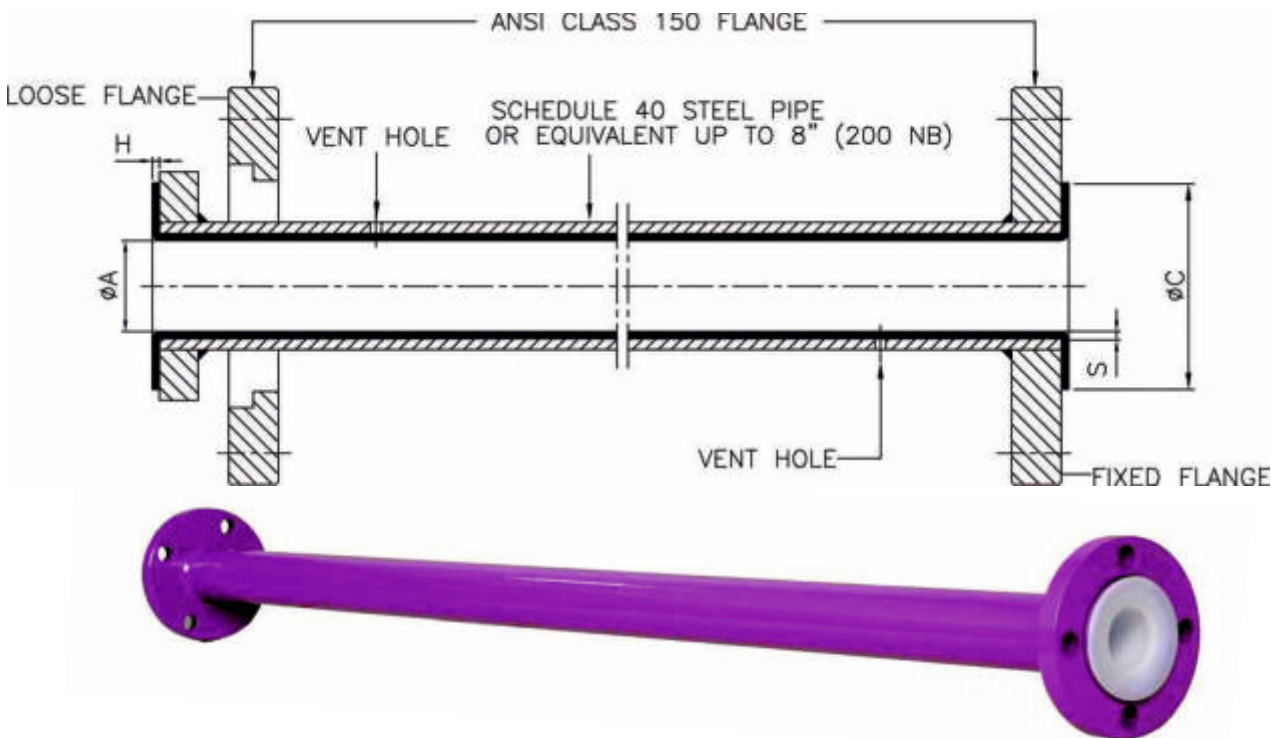




LINED PIPE (NON JACKETED)



Housing Material Options :

- PIPE : 1. SEAMLESS CS ASTM A106 GR.B, SCH.-40
2. ASTM A312 TP 304, SCH.-40
- FLANGE : 1. IS 2062 / ASTM A105
2. ASTM A351 GR. CF8

Lining Material Options :

- PTFE - ASTM D 4895
- PVDF - ASTM D 3322
- PP - ASTM D 4101
- HDPE

Dimensional Data For PTFE Lined Pipes:

ANSI #150 Flanged						
SIZE	ØA (mm)	ØC (mm)	H (mm)	S (MIN.) (mm)	Approx Weight (Kg)	
					FOR 1 Mtr.	Additional Kg./Mtr.
DN25-1"	20.5	51	2.3	3.0	4.69	2.95
DN40-1 1/2"	33.5	73	3.0	3.25	7.92	4.97
DN50-2"	45.5	92	3.0	3.25	11.04	6.63
DN80-3"	70.9	127	3.5	4.0	21.96	13.74
DN100-4"	94	157	3.5	4.5-5.0	30.52	19.4
DN150-6"	144.1	216	4.5	6.0-6.5	On Request	On Request
DN200-8"	190.7	270	5.0	Consult Factory	On Request	On Request

Lined Pipe Vacuum Resistance (in inch of Mercury)						
Material	Temp.	25 NB	40 NB	50 NB	80 NB	100 NB
PTFE	21°c	Full	Full	Full	Full	Full
	100°c	Full	Full	Full	Full	Full
	175°c	Full	Full	Full	Full	Full
PVDF	21°c	Full	Full	Full	Full	Full
	85°c	Full	Full	Full	Full	Full
	135°c	Full	Full	Full	Full	Full
PP	21°c	Full	Full	Full	Full	Full
	95°c	Full	Full	Full	Full	Full
HDPE	21°c	Full	Full	Full	Full	Full
	65°c	Full	Full	Full	Full	Full

Consult "Valco" for vacuum services. Special Heavy Duty PTFE Liner available for full vacuum. Details can be provided on request.
Other Flange Drillings like, DIN 2632 / 2633 , BS 10 Table D, E or F are also available on request.
Max. Length available : 3 Mtr.
Tolerance : ±3.5mm (0 to 1 Mtr.) and ±5.0mm (1 to 3 Mtr.)
Clear ID for HDPE/PP Lined Pipes (DN/ID): 25/18 , 40/32 , 50/42 , 65/57 , 80/67

Test & Inspection Data :

Resins are confirming to the requirements of ASTM F1545-97 (2003)

- Hydraulic Test : 29 Kg/Cm² After Lining
- Spark Test : 15 KV D.C After Lining

Technical Information subject to change without notice