

Lateral tees 45° (Class 150)

The one-piece design with PFA offers a low-resistance flow through the entire component by a streamlined geometry.



Lateral Tees 45° (Class 150)

Lining material:

- PTFE (virgin or conductive)
- PP

Different lining thicknesses and flange designs on request.

Flange design:

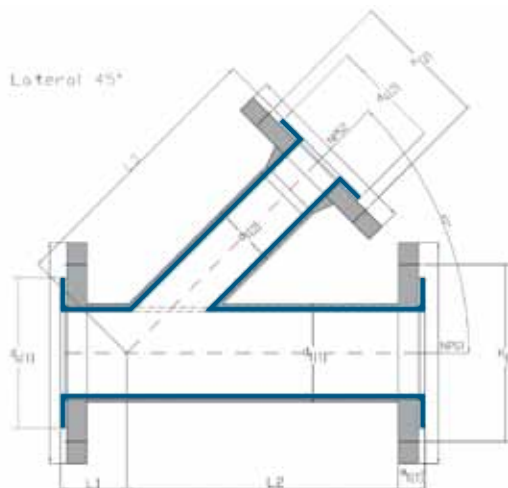
- loose-loose-loose
- fix-loose-loose
- fix-fix-fix

Other pressure rates:

- Class 300

Material: carbon steel and stainless steel

Special features: earthing studs, earthing lugs, flange stopper, final painting.



NPS ₁	NPS ₂	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	d ₁₍₁₎ (mm)	d ₄₍₁₎ (mm)	K ₍₁₎ (mm)	a ₁₍₁₎ (mm)	a ₂₍₁₎ (mm)	d ₁₍₂₎ (mm)	d ₄₍₂₎ (mm)	K ₍₂₎ (mm)	a ₁₍₂₎ (mm)	a ₂₍₂₎ (mm)	no. of bolts x thread		Wt. (ca. kg/ piece)
															(1)	(2)	
1"	1"	44,4	146,8	146,8	33,4	50,8	79,2	17,2	29,2	33,4	50,8	79,2	17,2	29,2	4 x 1/2"	4 x 1/2"	5,2
1 1/2"	1 1/2"	50,9	177,8	177,8	48,3	73,2	98,6	20,5	32,5	48,3	73,2	98,6	20,5	32,5	4 x 1/2"	4 x 1/2"	8,1
1 1/2"	1"									33,4	50,8	79,2	20,5	29,2	4 x 1/2"	4 x 1/2"	6,1
2"	2"	63,5	203,2	203,2	60,3	91,9	120,7	22,1	37,1	60,3	91,9	120,7	22,1	37,1	4 x 5/8"	4 x 5/8"	11,4
2"	1 1/2"									48,3	73,2	98,6	22,1	32,5	4 x 5/8"	4 x 1/2"	9,8
2"	1"									33,4	50,8	79,2	22,1	29,2	4 x 5/8"	4 x 1/2"	8,8
3"	3"	76,2	254,0	254,0	88,9	127,0	152,4	27,9	42,9	88,9	127,0	152,4	27,9	42,9	4 x 5/8"	4 x 5/8"	20,8
3"	2"									60,3	91,9	120,7	27,9	37,1	4 x 5/8"	4 x 5/8"	17,4
3"	1"									33,4	50,8	79,2	27,9	29,2	4 x 5/8"	4 x 1/2"	14,9
4"	4"	76,2	304,8	304,8	114,3	157,2	190,5	28,9	43,9	114,3	157,2	190,5	28,9	43,9	8 x 5/8"	8 x 5/8"	34,2
4"	3"									88,9	127,0	152,4	28,9	42,9	8 x 5/8"	4 x 5/8"	29,8
4"	2"									60,3	91,9	120,7	28,9	37,1	8 x 5/8"	4 x 5/8"	26,1
4"	1"									33,4	50,8	79,2	28,9	29,2	8 x 5/8"	4 x 1/2"	23,4

L = Total length




























d₁ = Outer diameter of the pipe

d₄ = Flaring diameter




K = Bolt circle

a₁ = Length with fixed flange (standard lining)

a₂ = Length with loose flange (standard lining)

NPS	Standard	Lining thickness (mm)	Possible vacuum		
			23°C	100°C	230°C
1"	●	3			
1 1/2"	●	3			
2"	●	3			
3"	●	4			
4"	●	4			
6"	●	6			
8"	●	6			
10"	●	7			
12"	●	7			

Vacuum resistance:

-  = full vacuum
-  = limited vacuum
-  = no vacuum

Please refer to the next nominal pipe size if your nominal pipe size is not listed.