

90 Degree Elbows, PP / PVDF / PFA-Lined

Vacuum Ratings:

1" - 8" PVDF-lined fittings are rated for full vacuum at 275°F.

1" - 12" Polypropylene-lined fittings with Cast DI or Cast Steel construction are rated for full vacuum at 225°F.

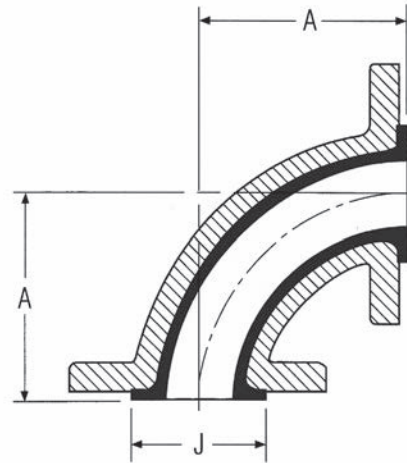
Consult factory for vacuum ratings on 14" and larger Polypropylene-lined fittings

Consult factory for vacuum ratings on PFA-lined fittings.

Fittings shown as Cast DI or Cast Steel have fixed flanges

PP/PVDF lined fittings available in CS with rotating flanges

PP/PVDF lined fittings available in SS with fixed or rotating flanges



ASME B16.5 Class 150 Flanged

Size (NPS)	Size (DN)	Dimensions				PP		PVDF		PFA	Weight	
		A		J		Cast DI A395	Cast Steel A216 WCB	Cast DI A395	Cast Steel A216 WCB	Cast Steel A216 WCB	lbs.	kg
		Inch	mm	Inch	mm							
1	25	3 1/2	89	2	51	●	●	●	●	●	6	2.7
1 1/2	40	4	102	2 7/8	73	●	●	●	●	●	10	4.5
2	50	4 1/2	114	3 5/8	92	●	●	●	●	●	14.5	6.6
3	80	5 1/2	140	5	127	●	●	●	●	●	26	11.8
4	100	6 1/2	165	6 3/16	157	●	●	●	●	●	47	21.4
6	150	8	203	8 1/2	216	●	●	●	●	●	70.5	32
8	200	9	229	10 5/8	270	●	●	●	●	●	116	52.7
10	250	11	279	12 3/4	324		●				135	61.4
12	300	12	305	15	381		●				208	94.5
14	350	26 1/4*	546	16 1/4	413	● Fabricated Steel					Consult Factory	
16	400	29 1/4*	610	18 1/2	470	● Fabricated Steel					Consult Factory	

ASME B16.5 Class 300 Flanged

Size (NPS)	Size (DN)	Dimensions				PP	PVDF	PFA	Weight
		A		J		Cast Steel A216 WCB	Cast Steel A216 WCB	Cast Steel A216 WCB	
		Inch	mm	Inch	mm				
1	25	4	102	2	51	●	●	●	Consult Factory
1 1/2	40	4 1/2	114	2 7/8	73	●	●	●	
2	50	5	127	3 5/8	92	●	●	●	
3	80	6	152	5	127	●	●	●	
4	100	7	178	6 3/16	157	●	●	●	
6	150	8 1/2	216	8 1/2	216	●	●	●	

PP-lined fittings larger than 12" are available as rotationally-lined in standard and custom configurations up to NPS 24 (DN 600).

*Dimension not according to ASME B16.5 Class 150. Class 150 dimension available on request.