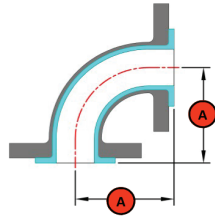
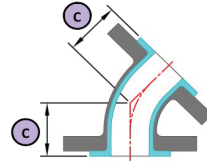




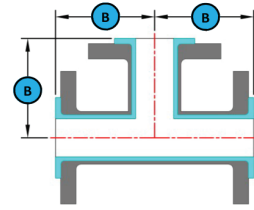
LARGE DIAMETER SEVERE SERVICE PTFE & PFA LINED PIPING SYSTEMS



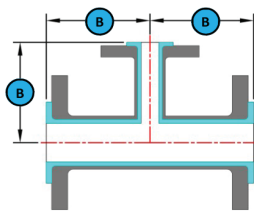
90 Degree Elbow



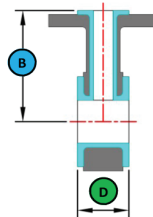
45 Degree Elbow



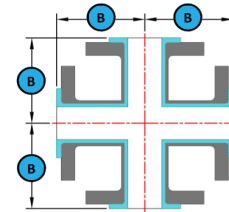
Equal Tee



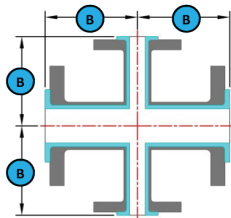
Reducing Tee



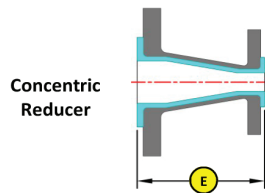
Instrument Tee



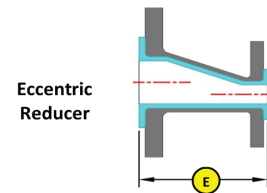
Equal Cross



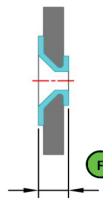
Reducing Cross



Concentric Reducer

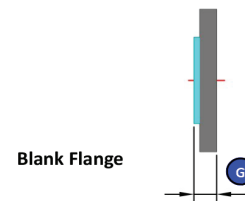


Eccentric Reducer



Reducing Flange

ASME 150 Lb.
(Dimensions in Millimeters)



Blank Flange

Nominal Bore	DN	A	B	C	D Branch Size			E	F	G	Van Stone Spool Min.	Fixed / Rotating Spool Min.	Spool Max.
					1"	1.1/2"	2"						
1 in	DN 25	89	89	44	51	76	89	114	30	16	250	90	6000
1 1/2 in	DN 40	102	102	57	51	76	89	114	30	19	250	95	6000
2 in	DN 50	114	114	63	51	76	89	127	30	21	250	110	6000
3 in	DN 80	140	140	76	51	76	89	152	35	26	250	120	6000
4 in	DN 100	165	165	102	51	76	89	178	35	26	250	125	6000
6 in	DN 150	203	203	127	51	76	89	229	40	27	500	140	6000
8 in	DN 200	229	229	140	51	76	89	279	40	31	500	150	3000
10 in	DN 250	279	279	165	51	76	89	305	35	32	n/a	165	3000
12 in	DN 300	305	305	190	51	76	89	356	40	34	n/a	170	3000
14 in	DN 350	356	356	190	51	76	89	406	40	37	n/a	190	3000
16 in	DN400	673*	381	216	90	105	120	457	45	42	n/a	220	2500
20 in	DN500	737*	457	241	90	105	120	508	45	48	n/a	300	2000
24 in	DN600	864*	559	279	90	105	120	610	50	53	n/a	350	1600

* Made from 2 pieces