

10.K-Factor Tables

10.1. K-Factor values for Tee-Fittings ISO PN10

Dimensions		K-Factors			
D(mm)	DN(mm)	PVC	PP	PVDF	Metal
20	15	235.45	212.17	225.06	-
25	20	142.46	135.32	139.38	157.06
32	25	91.53	89.36	94.66	92.84
40	32	51.57	48.94	51.37	-
50	40	42.89	42.10	43.07	-

10.2. K-Factor values for ISO plastic saddles on PN 10 plastic pipes

Dimensions		K-Factors			
D(mm)	DN(mm)	PVC	PP	PVDF	PE AD
63	50	21.95	27.25	20.11	27.50
75	65	16.90	18.71	13.83	18.87
90	80	10.11	12.29	9.14	12.41
110	100	6.13	7.51	5.60	7.59
125	110	4.64	5.71	4.25	5.77
140	125	3.62	4.46	3.31	4.50
160	150	2.72	3.34	2.48	3.38
200	180	1.67	2.05	1.53	2.07
225	200	1.29	1.59	1.18	1.60
250**	225	1.02	1.26	0.94	1.27
280**	250	0.80	0.98	0.73	1.02
315**	280	0.62	0.76	0.57	0.77

** PP saddle PP insert

10.3. K-Factor values for metal clamp saddles and weld-on adapters

Dimensions DN(mm)	K-Factors	
	Cast iron	Other metals
40	-	36.17
50	-	23.71
60	19.78	-
65	-	13.93
80	10.22	9.61
100	6.01	5.22
110	-	-
125	3.64	3.31
150	2.46	2.22
175	-	-
200	1.28	1.23
225	-	-
250	0.79	0.75
300	0.53	0.52
350	0.40	0.43
400	0.31	0.32
450	0.24	-
500	0.20	0.20
600	0.14	-
700	0.10	-