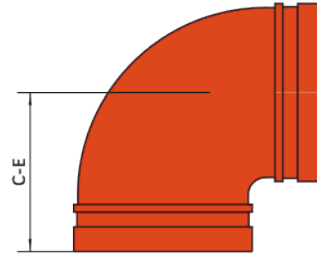
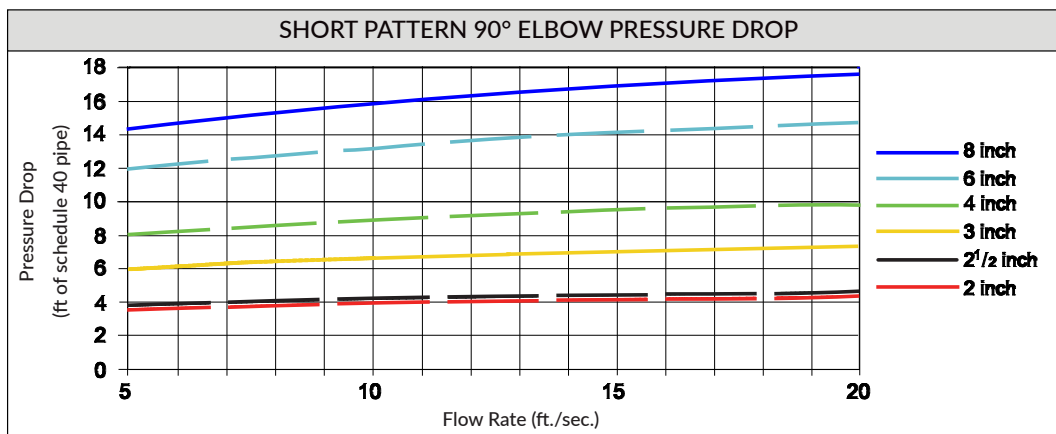


## 31E+ SHORT PATTERN 90° ELBOW

- Ductile Iron ASTM A-536 Grade 65-45-12.
- Finish available in standard orange paint or hot dipped galvanized (ASTM A-153)
- For current listing/approval details contact a Titus representative

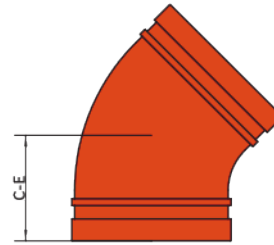


Nominal Size in/mm	Pipe O.D. in/mm	Max. Working Pressure PSI/Bar	SR 90° Elbow	
			C- E (in/mm)	
2	2.375	300	2.76	
50	60.3	20	70	
2-1/2	2.875	300	2.99	
65	73	20	76	
2-1/2	3	300	2.99	
65	76.1	20	76	
3	3.5	300	3.35	
80	88.9	20	85	
4	4.25	300	4.02	
100	108	20	102	
4	4.5	300	4.02	
100	114.3	20	102	
5	5.25	300	4.76	
125	133	20	121	
5	5.5	300	4.76	
125	139.7	20	121	
5	5.563	300	4.76	
125	141.3	20	121	
6	6.25	300	5.12	
150	159	20	130	
6	6.5	300	5.12	
150	165.1	20	130	
6	6.625	300	5.51	
150	168.3	20	140	
8	8.625	300	6.89	
200	219.1	20	175	
10	10.75	300	8.46	
250	273	20	215	
12	12.75	300	8.66	
300	323.9	20	220	

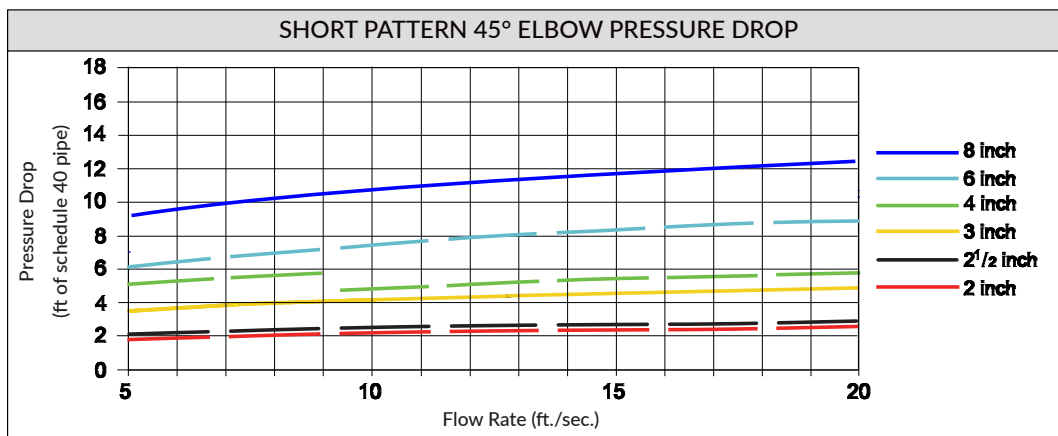


## 31F+ SHORT PATTERN 45° ELBOW

- Ductile Iron ASTM A-536 Grade 65-45-12.
- Finish available in standard orange paint or hot dipped galvanized (ASTM A-153)
- For current listing/approval details contact a Titus representative

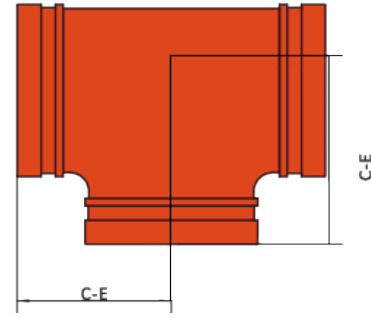


Nominal Size in/mm	Pipe O.D. in/mm	Max. Working Pressure PSI/Bar	45° Elbow
			C- E (in/mm)
2	2.375	300	—
50	60.3	20	—
2-1/2	2.875	300	1.89
65	73	20	48
2-1/2	3	300	1.89
65	76.1	20	48
3	3.5	300	2.09
80	88.9	20	53
4	4.25	300	2.36
100	108	20	60
4	4.5	300	2.36
100	114.3	20	60
5	5.25	300	2.68
125	133	20	68
5	5.5	300	2.68
125	139.7	20	68
5	5.563	300	2.68
125	141.3	20	68
6	6.25	300	2.97
150	159	20	75.5
6	6.5	300	2.97
150	165.1	20	75.5
6	6.625	300	2.97
150	168.3	20	75.5
8	8.625	300	3.74
200	219.1	20	95
10	10.75	300	4.41
250	273	20	112
12	12.75	300	5.31
300	323.9	20	135



## 31T+ SHORT PATTERN TEE

- Ductile Iron ASTM A-536 Grade 65-45-12.
- Finish available in standard orange paint or hot dipped galvanized (ASTM A-153)
- For current listing/approval details contact a Titus representative



Nominal Size in/mm	Pipe O.D. in/mm	Max. Working Pressure PSI/Bar	SR Straight Tee
			C- E (in/mm)
2	2.375	300	2.76
50	60.3	20	70
2-1/2	2.875	300	2.99
65	73	20	76
2-1/2	3	300	2.99
65	76.1	20	76
3	3.5	300	3.35
80	88.9	20	85
4	4.25	300	4.02
100	108	20	102
4	4.5	300	4.02
100	114.3	20	102
5	5.25	300	4.76
125	133	20	121
5	5.5	300	4.76
125	139.7	20	121
5	5.563	300	4.76
125	141.3	20	121
6	6.25	300	5.12
150	159	20	130
6	6.5	300	5.12
150	165.1	20	130
6	6.625	300	5.51
150	168.3	20	140
8	8.625	300	6.89
200	219.1	20	175
10	10.75	300	8.46
250	273	20	215
12	12.75	300	8.66
300	323.9	20	220

