



Nominal Size	Ext. Diam	90° Elbow		60° Elbow		45° Elbow		30° Elbow					
		C-E	Approx. Weight		C-E	Approx. Weight		C-E	Approx. Weight				
			S/10 #90L	S/40 #90		S/10 #90L	S/40 #90		S/10 #60L	S/40 #60	S/10 #45L	S/40 #45	
1.25	1.660	2.75	—	0.93	2.50	—	0.95	1.75	—	0.66	1.75	—	0.66
1.5	1.900	2.75	—	1.11	3.75	—	1.40	1.75	—	0.80	1.88	—	0.8
2	2.375	3.25	1.27	1.76	2.50	1.00	1.50	2.00	0.88	1.20	2.00	0.88	1.2
2.5	2.875	3.75	2	3.33	3.75	2.00	3.60	2.75	1.6	2.60	2.13	1.6	2.6
3	3.500	4.25	2.6	4.6	3.00	2.20	3.70	2.25	1.6	2.80	2.50	1.6	2.8
3.5	4.000	4.50	—	6.00	4.50	—	4.7	2.75	—	4.20	2.75	—	4.2
4	4.500	5.00	4.1	8.2	3.38	3.10	6.00	3.00	2.8	5.40	2.75	2.8	5.4
5	5.563	5.50	6.27	11.8	4.75	6.20	11.50	3.25	4.2	8.00	3.00	4.2	8.00
6	6.625	6.50	8.7	17.77	5.50	8.50	17.40	3.50	5.4	11.00	3.5	5.4	11.00
8	8.625	7.75	18.78	31.64	7.50	21.20	35.70	4.00	11.3	19.00	4.25	11.3	19.00
10	10.75	9.00	—	52.3	7.75	—	63.99	4.75	—	32.00	4.75	—	32.00
12	12.00	10.00	—	71.12	8.25	—	73.70	5.25	—	43.40	5.25	—	43.4
14	14.00	11.00	—	86.8	9.00	—	95.10	6.00	—	54.60	6.00	—	54.6
16	16.00	12.00	—	110.7	10.25	—	141.44	7.25	—	75.60	7.25	—	75.6
18	18.00	27.00	—	263.4	14.25	—	249.37	11.25	—	132.0	11.25	—	132
20	20.00	30.00	—	326	15.5	—	317.74	12.50	—	163.7	12.50	—	163.7
24	24.00	36.00	—	470.6	18.00	—	513.00	15.00	—	236.5	15.00	—	236.5

Dimensions are in inches. Weights are in pounds.