



WFF Fittings & Flanges (Canada) Ltd.

45° Long Radius Elbow

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.24	0.31										0.31	0.31	1"
1 1/4"	0.37	0.48										0.48	0.68	1 1/4"
1 1/2"	0.51	0.64										0.75	0.99	1 1/2"
2"	0.82	1.08										1.54	1.85	2"
2 1/2"	1.63	2.09										2.58	3.53	2 1/2"
3"	2.42	3.24										4.43	5.71	3"
3 1/2"	3.28	4.43												3 1/2"
4"	4.30	5.86								7.85		9.28	11.35	4"
5"	7.30	10.20								13.95		16.99	19.95	5"
6"	11.31	16.68								22.50		28.06	32.95	6"
8"	22.70	33.94		18.45	20.39				42.10	50.10	55.92	61.65	59.95	8"
10"	40.33	53.78		28.89	35.31			66.47	79.15	92.60	107.36	119.24	107.36	10"
12"	59.51	78.24		41.28	54.13	66.21	90.65	109.49	132.55	155.25	172.82	198.25	155.25	12"
14"	76.48	100.06	53.01	65.79	76.48	91.53	122.87	152.83	111.71	217.69	245.70	272.97		14"
16"	100.06	132.02	69.38	86.18	100.06	132.02	177.75	225.01	272.04	317.44	368.99	404.61		16"
18"	128.05	167.94	87.96	109.32	152.41	194.19	256.44	316.91	386.41	453.14	508.88	572.60		18"
20"	158.03	207.84	108.75	158.03	207.84	253.42	342.74	430.93	527.55	611.15	703.38	790.69		20"
22"	191.97	253.02	131.73	191.97	253.02		447.70	569.03	686.94	801.20	914.24	1035.88		22"
24"	229.00	301.95	156.92	229.00	347.53	423.28	589.53	732.52	909.41	1062.40	1213.99	1378.60		24"
26"	268.89	354.84	229.33	354.84										26"
28"	339.42	425.37	266.20	425.37	527.37									28"
30"	357.93	474.96	305.83	474.96	606.32									30"
32"	425.37	562.02	348.19	562.02	690.78	758.90								32"
34"	462.84	614.92	393.28	614.92	780.74	857.82								34"
36"	517.94	685.88	441.15	685.88	876.20	1048.05	.							36"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

90° Long Radius Elbow

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.33	0.42										0.60	0.75	1"
1 1/4"	0.57	0.75										0.97	1.34	1 1/4"
1 1/2"	0.84	1.06										1.50	1.98	1 1/2"
2"	1.50	2.01										3.09	3.70	2"
2 1/2"	2.87	3.81										5.16	7.05	2 1/2"
3"	4.58	6.13										8.86	11.39	3"
3 1/2"	6.44	8.73												3 1/2"
4"	8.71	11.90								15.67		18.56	22.70	4"
5"	14.70	20.59								27.88		33.99	39.89	5"
6"	22.92	34.16								45.01		56.11	65.90	6"
8"	46.06	68.99		36.89	40.77				84.17	100.19	111.83	123.27	119.90	8"
10"	81.55	108.88		57.79	70.62			132.92	158.29	184.12	214.69	238.45	214.69	10"
12"	119.02	156.92		82.56	108.26	132.39	181.30	218.99	265.08	310.48	345.63	396.50	310.48	12"
14"	152.08	201.00	105.99	131.58	154.06	183.06	245.72	305.65	377.39	435.38	491.40	545.93		14"
16"	201.00	264.92	138.74	172.35	201.00	264.92	355.48	449.99	544.06	634.86	737.97	809.20		16"
18"	255.88	337.87	115.92	218.64	304.79	388.37	512.17	633.80	772.81	906.31	1,017.74	1,145.18		18"
20"	316.94	418.98	217.47	316.94	418.98	506.83	685.49	861.83	1,055.08	1,222.07	1,406.75	1,581.37		20"
22"	384.82	507.80	263.47	384.82	507.80		895.40	1,138.04	1,373.89	1,604.38	1,828.46	2,071.31		22"
24"	457.77	605.88	313.85	457.77	695.05	846.56	1,179.03	1,465.02	1,818.81	2,124.88	2,427.97	2,758.39		24"
26"	538.88	712.77	458.65	712.77										26"
28"	678.83	848.54	532.40	848.54	1,054.75									28"
30"	719.83	996.87	611.63	996.87	1,212.64									30"
32"	850.74	1,126.24	696.35	1,126.24	1,381.56	1,517.78								32"
34"	925.68	1,229.61	786.56	1,229.61	1,561.47	1,715.64								34"
36"	1,039.63	1,379.70	882.28	1,379.70	1,752.38	2,096.09								36"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

BUTTWELD CAP

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.22	0.29										0.33	0.44	1"
1 1/4"	0.31	0.42										0.51	0.66	1 1/4"
1 1/2"	0.44	0.51										0.66	0.77	1 1/2"
2"	0.55	0.66										1.21	1.32	2"
2 1/2"	0.77	0.99										1.98	2.20	2 1/2"
3"	1.54	1.87										3.20	3.97	3"
3 1/2"	2.20	2.87												3 1/2"
4"	2.42	3.53								5.51		6.06	7.71	4"
5"	4.41	5.95								8.82		11.02	12.12	5"
6"	6.61	9.70								13.22		16.53	17.85	6"
8"	12.12	18.40		9.92	11.02				24.24	27.04	30.53	42.96	32.86	8"
10"	19.84	29.97		13.22	17.63			35.82	46.28	54.53	64.60	72.69	64.60	10"
12"	33.06	49.59		22.04	28.65	41.88	56.20	65.02	71.63	90.36	101.65	118.51	90.36	12"
14"	35.26	59.51	30.86	30.86	35.26	54.00	70.75	89.02	110.20	129.84	148.33	166.84		14"
16"	46.28	69.43	39.67	39.67	46.28	69.43	89.84	115.16	141.06	166.56	196.51	217.82		16"
18"	57.30	79.34	48.49	48.49	66.12	92.57	145.46	159.79	165.30	193.95	204.97	229.22		18"
20"	70.53	92.57	63.92	70.53	92.57	125.08	171.07	217.09	269.90	316.41	337.21	374.68		20"
22"	85.96	112.40	78.24	85.96	112.40		196.38	217.70	339.42	401.22	462.14	528.96		22"
24"	101.38	132.24	96.98	101.38	164.20	212.69	264.48	330.60	409.19	484.11	551.00	628.14		24"
26"	109.76	145.68	91.36	145.68										26"
28"	123.40	164.88	102.71	164.88	206.07									28"
30"	136.65	182.49	113.71	182.49	228.11									30"
32"	149.87	205.85	124.75	205.85	257.32	283.32								32"
34"	160.01	213.59	133.12	213.59	267.01	294.01								34"
36"	175.00	235.83	145.57	235.83	294.79	324.65								36"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
1"	x	1/2"	0.31	0.35										0.48		1"	x	1/2"
	x	3/4"	0.31	0.37										0.48			x	3/4"
1 1/4"	x	1/2"	0.42	0.48										0.64	0.88	1 1/4"	x	1/2"
	x	3/4"	0.44	0.51										0.66	0.93		x	3/4"
	x	1"	0.44	0.53										0.66	0.93		x	1"
1 1/2"	x	1/2"	0.44	0.62										1.01	1.34	1 1/2"	x	1/2"
	x	3/4"	0.48	0.60										1.12	1.48		x	3/4"
	x	1"	0.53	0.68										1.21	1.61		x	1"
	x	1 1/4"	0.57	0.73										1.32	1.74		x	1 1/4"
2"	x	3/4"	0.73	1.01										1.85	2.25	2"	x	3/4"
	x	1"	0.82	0.99										2.07	2.51		x	1"
	x	1 1/4"	0.86	1.17										2.18	2.64		x	1 1/4"
	x	1 1/2"	0.90	1.19										2.29	2.78		x	1 1/2"
2 1/2"	x	1"	1.30	1.74										2.93	4.01	2 1/2"	x	1"
	x	1 1/4"	1.48	1.74										3.35	4.56		x	1 1/4"
	x	1 1/2"	1.50	1.90										3.37	4.61		x	1 1/2"
	x	2"	1.61	2.07										3.64	4.98		x	2"
3"	x	1 1/4"	1.70	2.29										4.17	5.42	3"	x	1 1/4"
	x	1 1/2"	1.90	2.29										4.67	6.08		x	1 1/2"
	x	2"	2.01	2.60										4.91	6.39		x	2"
	x	3"	2.16	2.84										5.29	6.88		x	3"
3 1/2"	x	1 1/2"	2.53	3.15												3 1/2"	x	1 1/2"
	x	2"	2.71	3.55													x	2"
	x	2 1/2"	2.95	3.86													x	2 1/2"
	x	3"	3.04	4.08													x	3"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
4"	x	1 1/2"	2.73	3.81										7.54	9.21	4"	x	1 1/2"
	x	2"	3.17	3.92										8.75	10.69		x	2"
	x	2 1/2"	3.35	4.43										9.28	11.33		x	2 1/2"
	x	3"	3.50	4.69										9.65	11.79		x	3"
	x	3 1/2"	3.61	4.87													x	3 1/2"
5"	x	2"	5.05	6.61										13.73	16.07	5"	x	2"
	x	2 1/2"	5.53	7.27										14.72	17.68		x	2 1/2"
	x	3"	5.73	7.82										15.65	18.32		x	3"
	x	3 1/2"	5.86	8.04													x	3 1/2"
	x	4"	5.99	8.33								13.42		16.31	19.13		x	4"
6"	x	2 1/2"	7.60	9.96										20.85	24.44	6"	x	2 1/2"
	x	3"	8.00	11.11										21.89	25.65		x	3"
	x	3 1/2"	8.13	11.62													x	3 1/2"
	x	4"	8.20	12.01								18.07		22.52	26.40		x	4"
	x	5"	8.66	12.61								19.06		23.76	27.86		x	5"
8"	x	3 1/2"	12.81	16.11												8"	x	3 1/2"
	x	4"	13.11	18.60								30.92		38.02	36.87		x	4"
	x	5"	13.40	19.51								31.83		39.14	37.95		x	5"
	x	6"	13.91	20.41								33.04		40.62	39.41		x	6"
10"	x	4"	21.11	25.35						37.64		52.17		67.57	60.85	10"	x	4"
	x	5"	21.82	28.65						38.77		53.73		69.60	62.68		x	5"
	x	6"	22.26	29.75						39.52		54.77		70.95	63.89		x	6"
	x	8"	23.14	31.30		17.39	21.20		29.75	39.89	47.72	55.30	64.51	71.63	64.51		x	8"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
12"	x	5"	30.42	39.01				35.66		59.07		83.62		106.31	83.62	12"	x	5"
	x	6"	31.08	40.55				36.37		60.26		85.29		108.94	85.29		x	6"
	x	8"	32.18	42.05		23.58	30.92	37.80	51.68	62.62	75.82	88.64	98.65	113.22	88.64		x	8"
	x	10"	33.50	43.64		24.46	32.09	39.23	53.62	64.97	78.68	91.97	101.94	117.50	91.97		x	10"
14"	x	6"	55.76	74.27				68.72		114.98		163.36		204.86		14"	x	6"
	x	8"	57.30	76.92		50.89	60.87	70.79	94.18	118.44	146.02	168.25	189.92	211.01			x	8"
	x	10"	60.39	79.56		53.36	63.85	74.21	99.49	124.17	153.11	176.43	199.13	221.26			x	10"
	x	12"	63.48	83.09		56.33	67.38	78.35	105.02	131.07	161.60	186.24	210.20	233.54			x	12"
16"	x	6"	70.31	93.89				96.73		159.66		224.26		286.63		16"	x	6"
	x	8"	70.31	93.89		61.09	73.13	96.73	125.28	159.66	192.08	224.26	261.37	286.63			x	8"
	x	10"	72.95	96.31		63.54	76.06	100.61	130.28	166.05	199.77	233.23	271.82	298.09			x	10"
	x	12"	75.60	99.18		65.99	78.97	104.47	135.30	172.44	207.44	242.20	282.29	309.55			x	12"
	x	14"	77.58	102.05	54.06	68.19	80.45	106.41	137.79	175.61	211.30	246.69	287.51	315.30			x	14"
18"	x	8"	86.84	114.17		73.72	102.75	130.92	172.82	213.79	260.12	305.36	342.99	385.85		18"	x	8"
	x	10"	86.84	114.17		73.72	102.75	130.92	172.82	213.79	260.12	305.36	342.99	385.85			x	10"
	x	12"	89.26	115.13		75.93	105.84	134.84	178.00	220.20	267.92	314.53	353.28	397.43			x	12"
	x	14"	91.03	120.12	62.22	77.40	101.89	137.46	181.46	224.48	273.12	320.64	360.13	405.14			x	14"
	x	16"	94.11	122.98	64.00	79.63	110.97	141.39	186.63	230.89	280.92	329.78	370.43	416.73			x	16"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
20"	x	8"	134.00	176.10		131.07	173.65	205.30	277.51	348.32	427.09	494.25	705.28	749.36		20"	x	8"
	x	10"	134.00	176.10		131.07	173.65	205.30	277.51	348.32	427.09	494.25	705.28	749.36			x	10"
	x	12"	134.00	176.10		131.07	173.65	205.30	277.51	348.32	427.09	494.25	705.28	749.36			x	12"
	x	14"	135.11	179.19	88.82	132.39	175.39	207.35	280.28	351.80	431.37	499.18	771.40	815.48			x	14"
	x	16"	131.31	182.05	90.58	135.00	178.85	211.45	285.84	358.77	439.90	509.08	771.40	815.48			x	16"
	x	18"	142.16	186.02	94.15	138.94	184.08	217.62	294.15	369.21	452.72	523.91	771.40	815.48			x	18"
22"	x	10"	148.11	195.05		144.45	191.46		329.21	418.28	505.11	639.16	815.48	925.68		22"	x	10"
	x	12"	148.11	195.05		144.45	191.46		329.21	418.28	505.11	639.16	815.48	925.68			x	12"
	x	14"	148.11	195.05	108.70	144.45	191.46		329.21	418.28	505.11	639.16	815.48	991.80			x	14"
	x	16"	150.97	198.14	110.88	147.34	195.30		335.80	426.65	515.21	705.28	859.56	1024.86			x	16"
	x	18"	154.06	202.11	113.04	150.22	199.11		342.37	435.00	525.32	705.28	859.56	1046.90			x	18"
	x	20"	157.15	207.18	115.23	153.11	202.94		348.96	443.40	535.42	705.28	859.56	1046.90			x	20"
24"	x	10"	160.01	211.14		157.81	234.62	285.66	397.49	494.60	612.69	793.44	1146.08	1278.32		24"	x	10"
	x	12"	160.01	211.14		157.81	234.62	285.66	397.49	494.60	612.69	793.44	1146.08	1278.32			x	12"
	x	14"	160.01	211.14	118.71	157.81	234.62	285.66	397.49	494.60	612.69	793.44	1146.08	1278.32			x	14"
	x	16"	160.01	211.14	118.71	157.81	234.62	285.66	397.49	494.60	612.69	793.44	1256.28	1278.32			x	16"
	x	18"	163.10	215.11	121.09	160.96	234.62	291.37	405.45	504.50	624.94	868.38	1256.28	1344.44			x	18"
	x	20"	167.06	220.18	123.31	164.11	234.62	297.08	413.38	514.39	637.20	868.38	1256.28	1344.44			x	20"
	x	22"	167.06	220.18	123.31	164.11	234.62		413.38	514.39	637.20	868.38	1256.28	1344.44			x	22"
26"	x	12"	199.90	271.09		271.09										26"	x	12"
	x	14"	199.90	271.09	166.29	271.09											x	14"
	x	16"	199.90	271.09	166.29	271.09											x	16"
	x	18"	199.90	271.09	166.29	271.09											x	18"
	x	20"	199.90	271.09	166.29	271.09											x	20"
	x	22"	199.90	271.09	166.29	271.09											x	22"
	x	24"	199.90	271.09	166.29	271.09											x	24"

BW Fittings



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CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
28"	x	14"	210.04	290.93	174.78	289.67	365.93									28"	x	14"
	x	16"	210.04	290.93	174.78	289.67	365.93										x	16"
	x	18"	210.04	290.93	174.78	289.67	365.93										x	18"
	x	20"	210.04	290.93	174.78	289.67	365.93										x	20"
	x	22"	210.04	290.93	174.78	289.67	365.93										x	22"
	x	24"	210.04	290.93	174.78	289.67	365.93										x	24"
	x	26"	210.04	290.93	174.78	289.67											x	26"
30"	x	14"	220.40	315.17	183.37	313.25	392.66									30"	x	14"
	x	16"	220.40	315.17	183.37	313.25	392.66										x	16"
	x	18"	220.40	315.17	183.37	313.25	392.66										x	18"
	x	20"	220.40	315.17	183.37	313.25	392.66										x	20"
	x	22"	220.40	315.17	183.37	313.25	392.66										x	22"
	x	24"	220.40	315.17	183.37	313.25	392.66										x	24"
	x	26"	220.40	315.17	183.37	313.25											x	26"
32"	x	28"	220.40	315.17	183.37	313.25	392.66									32"	x	28"
	x	16"	253.46	330.60	210.92	330.60	419.40										x	16"
	x	18"	253.46	330.60	210.92	330.60	419.40										x	18"
	x	20"	253.46	330.60	210.92	330.60	419.40										x	20"
	x	24"	253.46	330.60	210.92	330.60	419.40										x	24"
	x	26"	253.46	330.60	210.92	330.60											x	26"
	x	28"	253.46	330.60	210.92	330.60	419.40										x	28"
	x	30"	253.46	330.60	210.92	330.60	419.40										x	30"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

CONCENTRIC AND ECCENTRIC REDUCER

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
34"	x	16"	246.85	346.03	247.62	346.03	446.13									34"	x	16"
	x	18"	246.85	346.03	247.62	346.03	446.13										x	18"
	x	20"	246.85	346.03	247.62	346.03	446.13										x	20"
	x	22"	246.85	346.03	247.62	346.03	446.13										x	22"
	x	24"	246.85	346.03	247.62	346.03	446.13										x	24"
	x	26"	246.85	346.03	247.62	346.03											x	26"
	x	28"	246.85	346.03	247.62	346.03	446.13										x	28"
	x	30"	246.85	346.03	247.62	346.03	446.13										x	30"
	x	32"	246.85	346.03	247.62	346.03	446.13										x	32"
36"	x	16"	284.32	379.09	271.09	379.09	487.08									36"	x	16"
	x	18"	284.32	379.09	271.09	379.09	487.08										x	18"
	x	20"	284.32	379.09	271.09	379.09	487.08										x	20"
	x	22"	284.32	379.09	271.09	379.09	487.08										x	22"
	x	24"	284.32	379.09	271.09	379.09	487.08										x	24"
	x	26"	284.32	379.09	271.09	379.09											x	26"
	x	28"	284.32	379.09	271.09	379.09	487.08										x	28"
	x	30"	284.32	379.09	271.09	379.09	487.08										x	30"
	x	32"	284.32	379.09	271.09	379.09	487.08										x	32"
	x	34"	284.32	379.09	271.09	379.09	487.08									x	34"	

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

EQUAL TEE

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.75	0.99		.								1.04	1.43	1"
1 1/4"	1.39	1.87										2.20	2.60	1 1/4"
1 1/2"	2.03	2.80										3.95	5.60	1 1/2"
2"	3.28	4.74										7.01	8.82	2"
2 1/2"	5.91	6.61										8.82	9.92	2 1/2"
3"	8.27	9.46										14.50	15.65	3"
3 1/2"	11.02	13.55												3 1/2"
4"	14.33	16.86								19.84		26.07	33.06	4"
5"	22.04	29.75								38.57		55.10	65.90	5"
6"	35.26	42.54								52.90		87.06	104.65	6"
8"	59.51	72.73		50.69	54.22				96.09	109.10	119.02	155.05	149.87	8"
10"	90.36	128.71		76.48	88.16			148.77	163.10	204.97	217.09	265.14	217.09	10"
12"	143.26	171.91		95.65	124.75	155.38	209.38	253.46	300.18	330.60	389.01	405.21	330.60	12"
14"	224.81	253.46	149.87	185.14	224.81	231.42	297.54	363.66	454.02	528.96	606.10	661.20		14"
16"	242.44	368.07	200.12	224.81	242.44	368.07	455.13	548.80	614.92	727.32	848.54	936.70		16"
18"	297.54	418.76	205.19	279.91	361.46	523.34	610.51	709.69	738.34	991.80	1102.00	1300.36		18"
20"	370.27	539.98	246.85	370.27	539.98	705.28	834.54	1011.64	1190.16	1300.36	1586.88	1714.16		20"
22"	484.88	617.12	321.78	484.88	617.12		1126.38	1441.78	1770.16	2092.59	2414.48	2735.16		22"
24"	528.96	771.40	352.64	528.96	822.09	1257.71	1440.87	1648.59	2005.64	2424.40	2600.72	2887.24		24"
26"	633.87	793.88	527.37	793.88										26"
28"	742.75	928.10	617.96	927.88	1159.86									28"
30"	854.71	1064.75	711.10	1064.75	1330.67									30"
32"	994.00	1232.04	827.01	1232.04	1540.05	1693.99								32"
34"	1135.72	1419.60	944.90	1419.60	1774.51	1951.97								34"
36"	1293.53	1609.58	1076.21	1609.58	2011.99	2213.19								36"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

180° Long Radius Return Bend

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.68	0.88										1.19	1.50	1"
1 1/4"	1.17	1.52										1.94	2.69	1 1/4"
1 1/2"	1.68	2.20										3.00	3.97	1 1/2"
2"	3.00	4.08										6.17	7.41	2"
2 1/2"	5.88	7.71										10.31	14.11	2 1/2"
3"	9.23	12.39										17.72	22.79	3"
3 1/2"	13.00	17.59												3 1/2"
4"	17.50	24.24								31.34		37.12	45.40	4"
5"	29.75	41.88								55.76		67.97	79.78	5"
6"	46.06	68.99								90.01		112.23	131.80	6"
8"	92.35	139.95		73.79	81.55				168.34	200.39	223.66	246.54	239.80	8"
10"	163.98	220.84		115.58	141.23			265.85	316.58	368.24	429.38	476.90	429.38	10"
12"	240.90	316.94		165.12	216.52	264.79	362.60	437.98	530.15	620.95	691.26	793.00	620.95	12"
14"	309.00	406.86	211.98	263.16	309.00	366.13	491.45	611.30	754.78	870.76	982.81	1091.86		14"
16"	404.87	533.81	277.48	344.71	404.87	533.81	710.97	899.98	1088.11	1269.72	1475.93	1618.40		16"
18"	513.75	678.83	351.85	437.27	609.58	776.73	1025.74	1267.61	1545.62	1812.61	2035.48	2290.35		18"
20"	636.74	840.83	434.94	636.74	840.83	1013.66	1370.98	1723.66	2110.15	2444.59	2813.49	3162.74		20"
22"	770.14	1019.79	526.93	770.74	1019.79		1790.79	2276.07	2747.77	3204.79	3656.92	4142.64		22"
24"	919.73	1219.69	627.70	919.73	1390.11	1693.11	2358.06	2390.04	3637.61	4249.75	4855.94	5514.41		24"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
1"	x	1/2"	0.75	0.99										1.04	1.43	1"	x	1/2"
	x	3/4"	0.75	0.99										1.04	1.43		x	3/4"
	x	1/2"	1.39	1.87										2.20	2.60	1 1/4"	x	1/2"
	x	3/4"	1.39	1.87										2.20	2.60		x	3/4"
	x	1"	1.39	1.87										2.20	2.60		x	1"
	x	1/2"	2.03	2.80										3.95	5.60	1 1/2"	x	1/2"
	x	3/4"	2.03	2.80										3.95	5.60		x	3/4"
	x	1"	2.03	2.80										3.95	5.60		x	1"
	x	1 1/4"	2.03	2.80										3.95	5.60		x	1 1/4"
2"	x	3/4"	3.28	4.74										7.01	8.82	2"	x	3/4"
	x	1"	3.28	4.74										7.01	8.82		x	1"
	x	1 1/4"	3.28	4.74										7.01	8.82		x	1 1/4"
	x	1 1/2"	3.28	4.74										7.01	8.82		x	1 1/2"
	x	1"	5.91	6.61										7.89	8.82	2 1/2"	x	1"
	x	1 1/4"	5.91	6.61										7.89	9.15		x	1 1/4"
	x	1 1/2"	5.91	6.61										7.89	9.26		x	1 1/2"
	x	2"	5.91	6.61										7.89	9.26		x	2"
3"	x	1 1/4"	8.27	9.46										12.45	13.78	3"	x	1 1/4"
	x	1 1/2"	8.27	9.46										12.67	13.89		x	1 1/2"
	x	2"	8.27	9.46										12.89	14.00		x	2"
	x	2 1/2"	8.27	9.46										13.51	14.55		x	2 1/2"
	x	1 1/2"	11.02	13.55												3 1/2"	x	1 1/2"
	x	2"	11.02	13.55													x	2"
	x	2 1/2"	11.02	13.55													x	2 1/2"
	x	3"	11.02	13.55													x	3"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
4"	x	1 1/2"	14.33	16.86										23.69	31.96	4"	x	1 1/2"
	x	2"	14.33	16.86										23.69	31.96		x	2"
	x	2 1/2"	14.33	16.86										23.69	31.96		x	2 1/2"
	x	3"	14.33	16.86										24.46	31.96		x	3"
	x	3 1/2"	14.33	16.86										24.46	31.96		x	3 1/2"
5"	x	2"	22.04	29.75										50.69	59.86	5"	x	2"
	x	2 1/2"	22.04	29.75										50.69	59.86		x	2 1/2"
	x	3"	22.04	29.75										50.69	61.07		x	3"
	x	3 1/2"	22.04	29.75													x	3 1/2"
	x	4"	22.04	29.75								38.57		50.69	63.56		x	4"
6"	x	2 1/2"	30.86	42.54										67.99	82.10	6"	x	2 1/2"
	x	3"	30.86	42.54										67.99	82.10		x	3"
	x	3 1/2"	30.86	42.54													x	3 1/2"
	x	4"	30.86	42.54								52.90		72.07	82.10		x	4"
	x	5"	35.26	42.54								52.90		72.07	104.65		x	5"
8"	x	3 1/2"	59.51	72.73												8"	x	3 1/2"
	x	4"	59.51	72.73								95.10		112.40	111.08		x	4"
	x	5"	59.51	72.73								95.10		122.54	111.08		x	5"
	x	6"	59.51	72.73								109.10		122.54	113.07		x	6"
10"	x	4"	87.34	117.98						102.05		157.04		187.34	174.78	10"	x	4"
	x	5"	87.34	117.98						102.05		157.04		201.12	174.78		x	5"
	x	6"	87.34	117.98						108.06		180.07		225.14	200.41		x	6"
	x	8"	87.34	117.98		73.06	85.07		118.13	145.09	161.99	195.05	209.38	249.05	217.09		x	8"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
12"	x	5"	138.85	164.90				148.11		188.11		226.13		309.11	263.38	12"	x	5"
	x	6"	138.85	164.90				148.11		188.11		247.18		309.11	263.38		x	6"
	x	8"	138.85	164.90		90.80	120.74	148.11	170.81	188.11	269.99	289.16	308.56	335.67	284.47		x	8"
	x	10"	138.85	171.91		95.65	124.75	155.38	209.38	234.15	275.17	310.43	348.23	360.24	330.60		x	10"
14"	x	6"	215.11	241.45				220.40		312.64		451.82		595.08		14"	x	6"
	x	8"	215.11					220.40	280.13	312.64	429.78	484.88	551.00	595.08			x	8"
	x	10"	215.11	241.45		177.42	215.11	220.40	280.13	352.64	429.78	506.92	584.06	628.14			x	10"
	x	12"	224.81	253.46		185.14	224.81	231.42	297.54	357.67	454.02	517.94	606.10	661.20			x	12"
16"	x	6"	234.73	352.64				352.64		361.21		551.00		650.18		16"	x	6"
	x	8"	234.73	352.64		215.99	234.73	352.64	353.19	361.21	569.07	617.12	650.18	650.18			x	8"
	x	10"	234.73	352.64		215.99	234.73	352.64	358.70	361.21	587.37	650.18	683.24	793.44			x	10"
	x	12"	242.44	361.46		220.40	242.44	361.46	397.82	400.25	596.58	683.24	749.36	848.54			x	12"
	x	14"	242.44	368.07	200.12	220.40	242.44	368.07	455.13	506.92	614.92	705.28	793.44	903.64			x	14"
18"	x	8"	284.32	339.42		271.09	308.56	328.73	412.15	448.51	602.35	749.36	793.44	1002.82		18"	x	8"
	x	10"	284.32	339.42		271.09	308.56	328.73	412.15	495.57	631.45	826.50	848.54	1046.90			x	10"
	x	12"	297.54	361.46		279.91	339.42	425.36	468.35	515.52	631.45	881.60	903.64	1102.00			x	12"
	x	14"	297.54	418.76	205.19	279.91	361.46	425.26	468.35	568.63	720.71	925.68	1002.82	1146.08			x	14"
	x	16"	297.54	418.76	205.19	279.91	361.46	523.94	565.33	614.63	738.34	969.76	1046.90	1212.20			x	16"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
20"	x	8"	360.35	471.66		360.35	471.66	485.32	493.37	503.06	859.56	947.72	991.80	1454.64		20"	x	8"
	x	10"	360.35	471.66		360.35	471.66	485.32	630.34	657.34	925.68	1046.90	1102.00	1498.72			x	10"
	x	12"	360.35	471.66		360.35	471.66	493.70	643.57	703.41	991.80	1102.00	1190.16	1542.80			x	12"
	x	14"	360.35	471.66	241.23	360.35	471.66	493.70	643.57	703.41	1038.08	1168.12	1300.36	1597.90			x	14"
	x	16"	370.27	480.47	246.85	370.27	480.47	506.92	710.39	772.50	1035.88	1212.20	1388.52	1653.00			x	16"
	x	18"	370.27	480.47	246.85	370.27	480.47	584.28	771.40	893.55	1190.16	1256.28	1498.72	1697.08			x	18"
22"	x	10"	380.19	539.98		374.68	539.98		1061.45	1364.28	1668.43	1972.30	2275.63	2292.16		22"	x	10"
	x	12"	380.19	539.98		374.68	539.98		1061.45	1364.28	1668.43	1972.30	2275.63	2292.16			x	12"
	x	14"	380.19	539.98	245.75	374.68	539.98		1061.45	1364.28	1668.43	1972.36	2275.63	2292.16			x	14"
	x	16"	460.64	573.04	307.24	374.68	573.04		1126.38	1148.78	1770.16	2092.59	2414.48	2735.16			x	16"
	x	18"	460.64	573.04	307.24	484.88	573.04		1126.38	1448.78	1770.16	2092.59	2414.48	2735.16			x	18"
	x	20"	484.88	617.12	321.78	484.88	617.12		1126.38	1448.78	1770.16	2092.59	2414.48	2735.16			x	20"
24"	x	10"	449.62	661.20		449.62	705.28	678.39	857.36	996.12	1399.54	2027.60	2093.80	2292.16		24"	x	10"
	x	12"	480.47	661.20		480.47	705.28	678.39	857.36	996.12	1542.80	2093.80	2159.92	2402.36			x	12"
	x	14"	489.29	661.20	216.21	489.29	705.28	680.49	940.56	1081.17	1697.08	2204.00	2314.20	2512.56			x	14"
	x	16"	489.29	705.28	216.21	489.29	749.36	680.49	940.56	1081.17	1796.26	2226.04	2292.16	2600.72			x	16"
	x	18"	500.31	705.28	273.08	500.31	749.36	858.46	1039.19	1175.28	1796.26	2292.16	2402.36	2666.84			x	18"
	x	20"	500.31	771.40	273.08	500.31	822.09	860.55	1200.74	1335.84	2005.64	2336.24	2512.56	2799.08			x	20"
	x	22"	522.35	771.40	309.44	522.35	822.09		1440.87	1648.59	2005.64	2424.40	2600.72	2887.24			x	22"
26"	x	12"	515.96	648.86		648.86										26"	x	12"
	x	14"	526.76	661.86	438.16	661.86											x	14"
	x	16"	543.95	683.90	452.48	683.90											x	16"
	x	18"	561.80	705.72	467.47	705.72											x	18"
	x	20"	580.75	727.76	483.12	727.76											x	20"
	x	22"	597.72	748.70	515.74	748.70											x	22"
	x	24"	615.80	770.74	515.74	770.74											x	24"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
28"	x	14"	603.90	762.58	502.51	762.58	991.80									28"	x	14"
	x	16"	623.73	786.83	519.04	786.83	991.80										x	16"
	x	18"	643.79	812.84	535.57	812.84	1016.04										x	18"
	x	20"	664.73	837.52	552.98	837.52	1016.04										x	20"
	x	22"	684.78	859.56	569.73	859.56	1016.04										x	22"
	x	24"	704.84	882.70	586.26	882.70	1057.92										x	24"
	x	26"	716.74	904.74	596.31	904.74											x	26"
30"	x	14"	680.82	864.85	566.43	864.85	1035.88									30"	x	14"
	x	16"	703.74	889.75	585.49	889.75	1035.88										x	16"
	x	18"	726.88	919.73	604.78	919.73	1102.00										x	18"
	x	20"	748.70	944.63	622.96	944.63	1102.00										x	20"
	x	22"	771.84	969.76	642.14	969.76	1102.00										x	22"
	x	24"	794.76	994.67	661.20	994.67	1193.47										x	24"
	x	26"	816.80	1019.79	679.56	1019.79											x	26"
	x	28"	883.77	1039.63	693.69	1039.63	1247.46										x	28"
32"	x	16"	839.72	1016.04	698.56	1016.04	1219.25									32"	x	16"
	x	18"	859.56	1046.90	715.20	1046.90	1256.28										x	18"
	x	20"	894.82	1074.67	744.29	1074.67	1289.56										x	20"
	x	24"	903.64	1131.75	751.78	1131.75	1358.10										x	24"
	x	26"	926.78	1159.74	171.01	1159.74											x	26"
	x	28"	945.74	1181.78	786.83	1181.78	1418.14										x	28"
	x	30"	972.85	1197.65	996.43	1197.65	1436.13										x	30"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

REDUCING TEE

Nominal Pipe Size in.			SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.		
34"	x	16"	906.73	1144.76	755.09	1144.76	1432.60									34"	x	16"
	x	18"	932.73	1174.51	1001.28	1174.51	1454.86										x	18"
	x	20"	959.62	1204.71	797.63	1204.71	1468.08										x	20"
	x	22"	985.63	1239.75	820.11	1239.75	1468.08										x	22"
	x	24"	1012.74	1269.72	842.59	1269.72	1587.17										x	24"
	x	26"	1038.75	1299.70	864.19	1299.70											x	26"
	x	28"	11058.80	1324.60	880.94	1324.60	1655.76										x	28"
	x	30"	1084.59	1354.58	902.32	1354.58	1693.11										x	30"
36"	x	32"	1110.60	1389.62	924.03	1389.62	1736.97									36"	x	32"
	x	16"	1014.72	1279.64	844.13	1279.64	1599.44										x	16"
	x	18"	1043.81	1314.69	868.44	1314.69	1643.30										x	18"
	x	20"	1071.81	1344.66	891.74	1344.66	1680.77										x	20"
	x	22"	1099.80	1379.70	914.99	1379.70	1724.63										x	22"
	x	24"	1128.67	1414.53	939.12	1414.53	1768.71										x	24"
	x	26"	1157.76	1439.65	963.37	1439.65											x	26"
	x	28"	1180.61	1474.48	982.32	1474.48	1843.10										x	28"
	x	30"	1206.69	1509.52	1003.92	1509.52	1887.18										x	30"
	x	32"	1236.66	1539.49	1082.89	1539.49	1924.31										x	32"
	x	34"	1263.55	1574.54	1051.31	1574.54	1968.17										x	34"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

90° Short Radius Elbow

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.22	0.29										0.40	0.51	1"
1 1/4"	0.37	0.51										0.64	0.90	1 1/4"
1 1/2"	0.55	0.73										0.99	1.32	1 1/2"
2"	0.99	1.32										2.05	2.49	2"
2 1/2"	1.92	2.51										3.44	4.41	2 1/2"
3"	3.04	4.03										5.91	7.65	3"
3 1/2"	4.25	5.75												3 1/2"
4"	5.77	7.89								10.45		12.39	15.12	4"
5"	9.74	13.69								18.58		22.66	26.49	5"
6"	15.19	22.70								30.02		37.40	43.86	6"
8"	30.42	45.62		24.60	27.20				56.11	66.80	74.54	82.19	79.61	8"
10"	54.00	72.51		38.53	47.08			18.62	105.53	122.70	143.13	158.97	143.13	10"
12"	79.56	104.03		55.03	72.18	88.27	120.93	145.99	176.72	206.98	230.43	264.33	206.98	12"
14"	102.05	134.88	70.66	87.72	102.05	122.04	163.82	204.27	251.61	290.20	327.60	363.95		14"
16"	134.88	176.98	92.50	114.92	134.88	176.98	236.97	299.92	362.71	423.23	491.98	539.47		16"
18"	171.03	225.03	117.27	145.75	203.10	258.93	341.91	422.53	515.21	604.20	678.50	763.44		18"
20"	212.02	277.92	144.98	212.02	277.92	337.90	457.00	574.54	703.38	814.80	937.82	1054.61		20"
22"	257.87	339.86	175.64	257.87	339.80		596.93	758.70	915.92	1069.58	1218.99	1381.25		22"
24"	304.81	403.99	209.23	304.81	463.37	564.38	786.01	978.47	1212.53	1416.58	1618.66	1839.81		24"
26"	361.02	477.83	305.76	477.83										26"
28"	455.79	569.95	354.91	569.95	703.16									28"
30"	479.81	633.87	407.74	633.87	808.43									30"
32"	521.91	753.71	464.23	753.77	921.03	1517.78								32"
34"	617.12	870.58	513.53	870.58	1088.23	1715.64								34"
36"	691.84	912.68	588.18	912.68	1168.25	2096.09								36"

BW Fittings



WFF Fittings & Flanges (Canada) Ltd.

180° Short Radius Return Bend

Nominal Pipe Size in.	SCH STD WEIGHT lb.	SCH XS WEIGHT lb.	SCH 10 WEIGHT lb.	SCH 20 WEIGHT lb.	SCH 30 WEIGHT lb.	SCH 40 WEIGHT lb.	SCH 60 WEIGHT lb.	SCH 80 WEIGHT lb.	SCH 100 WEIGHT lb.	SCH 120 WEIGHT lb.	SCH 140 WEIGHT lb.	SCH 160 WEIGHT lb.	SCH XXS WEIGHT lb.	Nominal Pipe Size in.
1"	0.46	0.60										0.79	1.01	1"
1 1/4"	0.77	1.01										1.28	1.81	1 1/4"
1 1/2"	1.10	1.45										1.98	2.64	1 1/2"
2"	1.98	2.71										4.10	4.98	2"
2 1/2"	3.92	5.11										6.88	8.95	2 1/2"
3"	6.13	8.20										11.81	15.30	3"
3 1/2"	8.60	11.70												3 1/2"
4"	11.59	16.09								20.89		24.77	30.24	4"
5"	19.70	27.77								37.16		45.31	52.98	5"
6"	30.64	45.62								60.04		74.80	87.72	6"
8"	61.49	92.57		49.19	54.39				112.23	133.61	149.08	164.37	159.22	8"
10"	108.88	147.01		77.07	94.15			177.25	211.10	245.48	286.26	317.95	286.26	10"
12"	160.01	210.04		110.09	144.36	176.54	241.73	291.99	353.46	413.96	460.86	528.65	413.96	12"
14"	204.97	270.87	141.32	175.46	209.91	244.09	321.62	408.53	503.22	580.49	655.21	727.89		14"
16"	269.99	354.84	185.00	229.83	275.15	354.84	473.95	599.86	725.42	846.47	983.95	1078.95		16"
18"	341.84	450.94	234.55	291.50	406.37	517.83	613.81	845.08	1030.44	1201.41	1357.00	1526.89		18"
20"	423.83	559.82	289.96	431.98	559.82	675.79	913.98	1149.10	1406.77	1629.73	1875.65	2109.23		20"
22"	523.63	694.41	351.17	523.63	694.48		1193.88	1517.41	1831.83	2139.16	2437.98	2766.02		22"
24"	611.83	809.75	418.45	667.68	926.74	1128.73	1572.03	1956.95	2425.06	2833.15	3237.32	3678.26		24"

BW Fittings