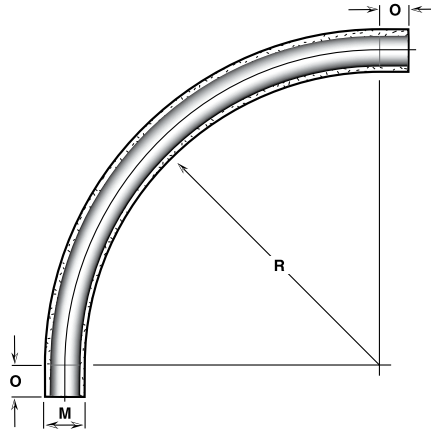


ELBOWS

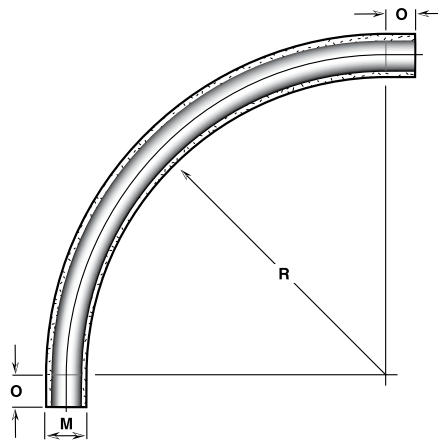


90° X 24"

Nominal Size	Type	IPS Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
¾	SW	07A-SW-91-P	07C-SW-91-P	1.05 (27)	6 (152)	24 (610)	0.71	(0.32)
1	SW	10A-SW-91-P	10C-SW-91-P	1.32 (33)	6 (152)	24 (610)	0.79	(0.36)
1¼	SW	12A-SW-91-P	12C-SW-91-P	1.66 (42)	6 (152)	24 (610)	0.96	(0.44)
1½	SW	15A-SW-91-P	15C-SW-91-P	1.90 (48)	6 (152)	24 (610)	1.38	(0.63)
2	SW	20A-SW-91-P	20C-SW-91-P	2.37 (60)	6 (152)	24 (610)	1.58	(0.72)
2½	SW	25A-SW-91-P	25C-SW-91-P	2.88 (73)	6 (152)	24 (610)	1.92	(0.87)
3	SW	30A-SW-91-P	30C-SW-91-P	3.50 (89)	6 (152)	24 (610)	2.50	(1.14)
4	SW	40A-SW-91-P	40C-SW-91-P	4.46 (113)	6 (152)	24 (610)	3.00	(1.36)
4	HW	40A-HW-91-P	40C-HW-91-P	4.51 (115)	6 (152)	24 (610)	4.04	(1.83)

Nominal Size	Type	ID Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	SW	20B-SW-91-P	20D-SW-91-P	2.14 (54)	6 (152)	24 (610)	1.42	(0.65)
2½	SW	25B-SW-91-P	25D-SW-91-P	2.64 (67)	6 (152)	24 (610)	1.75	(0.80)
3	SW	30B-SW-91-P	30D-SW-91-P	3.14 (80)	6 (152)	24 (610)	2.00	(0.91)
4	SW	40B-SW-91-P	40D-SW-91-P	4.14 (105)	6 (152)	24 (610)	2.88	(1.30)
4	HW	40A-HW-91-P	40C-HW-91-P	4.19 (106)	6 (152)	24 (610)	3.84	(1.74)

Nominal Size	Type	Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	XW	20B-XW-91-P	20D-XW-91-P	2.50 (65)	6 (152)	24 (610)	5.25	(2.38)
2½	XW	25B-XW-91-P	25D-XW-91-P	3.00 (76)	6 (152)	24 (610)	6.42	(2.92)
3	XW	30B-XW-91-P	30D-XW-91-P	3.50 (89)	6 (152)	24 (610)	7.58	(3.44)
3½	XW	35B-XW-91-P	35D-XW-91-P	4.00 (102)	6 (152)	24 (610)	8.76	(3.98)
4	XW	40B-XW-91-P	40D-XW-91-P	4.50 (114)	6 (152)	24 (610)	9.92	(4.50)



90° X 36"

Nominal Size	Type	IPS Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
¾	SW	07A-SW-92-P	07C-SW-92-P	1.05 (27)	6 (152)	36 (914)	0.96	(0.44)
1	SW	10A-SW-92-P	10C-SW-92-P	1.32 (33)	6 (152)	36 (914)	1.08	(0.49)
1¼	SW	12A-SW-92-P	12C-SW-92-P	1.66 (42)	6 (152)	36 (914)	1.30	(0.59)
1½	SW	15A-SW-92-P	15C-SW-92-P	1.90 (48)	6 (152)	36 (914)	1.87	(0.85)
2	SW	20A-SW-92-P	20C-SW-92-P	2.37 (60)	6 (152)	36 (914)	2.15	(0.98)
2½	SW	25A-SW-92-P	25C-SW-92-P	2.88 (73)	6 (152)	36 (914)	2.61	(1.19)
3	SW	30A-SW-92-P	30C-SW-92-P	3.50 (89)	6 (152)	36 (914)	3.40	(1.54)
4	SW	40A-SW-92-P	40C-SW-92-P	4.46 (113)	6 (152)	36 (914)	4.08	(1.85)
4	HW	40A-HW-92-P	40C-HW-92-P	4.51 (115)	6 (152)	36 (914)	5.50	(2.50)
5	SW	50A-SW-92-P	50C-SW-92-P	5.52 (140)	6 (152)	36 (914)	5.14	(2.34)
5	MW	50A-MW-92-P	50C-MW-92-P	5.57 (141)	6 (152)	36 (914)	6.85	(3.08)
5	HW	50A-HW-92-P	50C-HW-92-P	5.60 (142)	6 (152)	36 (914)	7.54	(3.42)
6	SW	60A-SW-92-P	60C-SW-92-P	6.58 (167)	6 (152)	36 (914)	5.71	(2.57)
6	MW	60A-MW-92-P	60C-MW-92-P	6.63 (168)	6 (152)	36 (914)	8.11	(3.65)
6	HW	60A-HW-92-P	60C-HW-92-P	6.66 (169)	6 (152)	36 (914)	9.31	(4.19)

Nominal Size	Type	ID Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	SW	20B-SW-92-P	20D-SW-92-P	2.14 (54)	6 (152)	36 (914)	1.93	(1.14)
2½	SW	25B-SW-92-P	25D-SW-92-P	2.64 (67)	6 (152)	36 (914)	2.38	(1.36)
3	SW	30B-SW-92-P	30D-SW-92-P	3.14 (80)	6 (152)	36 (914)	2.72	(1.59)
3½	SW	35B-SW-92-P	35D-SW-92-P	3.64 (92)	6 (152)	36 (914)	3.40	(1.63)
4	SW	40B-SW-92-P	40D-SW-92-P	4.14 (105)	6 (152)	36 (914)	3.91	(1.68)
4	HW	40B-HW-92-P	40D-HW-92-P	4.19 (106)	6 (152)	36 (914)	5.21	(2.09)
4½	SW	45B-SW-92-P	45D-SW-92-P	4.64 (117)	6 (152)	36 (914)	4.25	(1.86)
4½	HW	45B-HW-92-P	45D-HW-92-P	4.69 (118)	6 (152)	36 (914)	5.89	(2.27)
5	SW	50B-SW-92-P	50D-SW-92-P	5.14 (131)	6 (152)	36 (914)	4.86	(2.18)
5	MW	50B-MW-92-P	50D-MW-92-P	5.19 (132)	6 (152)	36 (914)	6.45	(2.90)
5	HW	50B-HW-92-P	50D-HW-92-P	5.22 (132)	6 (152)	36 (914)	7.42	(3.34)
6	SW	60B-SW-92-P	60D-SW-92-P	6.14 (156)	6 (152)	36 (914)	5.83	(2.62)
6	MW	60B-MW-92-P	60D-MW-92-P	6.19 (157)	6 (152)	36 (914)	7.71	(3.47)
6	HW	60B-HW-92-P	60D-HW-92-P	6.22 (158)	6 (152)	36 (914)	9.02	(4.06)

Nominal Size	Type	Item No.		M	O-Tangent (min)	R-Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	XW	20B-XW-92-P	20D-XW-92-P	2.50 (65)	6 (152)	36 (914)	7.14	(3.24)
2½	XW	25B-XW-92-P	25D-XW-92-P	3.00 (76)	6 (152)	36 (914)	8.73	(3.96)
3	XW	30B-XW-92-P	30D-XW-92-P	3.50 (89)	6 (152)	36 (914)	10.31	(4.68)
3½	XW	35B-XW-92-P	35D-XW-92-P	4.00 (102)	6 (152)	36 (914)	11.90	(5.40)
4	XW	40B-XW-92-P	40D-XW-92-P	4.50 (114)	6 (152)	36 (914)	13.49	(6.12)
5	XW	50B-XW-92-P	50D-XW-92-P	5.50 (140)	6 (152)	36 (914)	16.79	(7.56)
6	XW	60B-XW-92-P	60D-XW-92-P	6.50 (165)	6 (152)	36 (914)	19.99	(9.00)