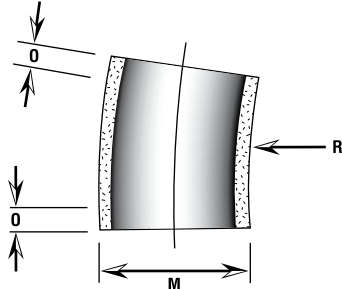


PHENOLIC ELBOWS



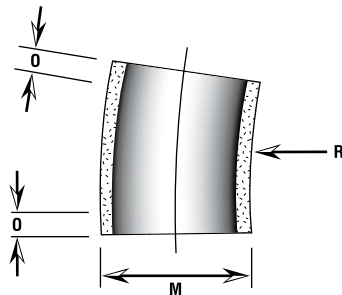
11¼° X 36"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	SW	07E-SW-52-P	1.05 (27)	6 (152)	36 (914)	0.27 (0.12)
1	SW	10E-SW-52-P	1.32 (33)	6 (152)	36 (914)	0.30 (0.14)
1¼	SW	12E-SW-52-P	1.66 (42)	6 (152)	36 (914)	0.36 (0.16)
1½	SW	15E-SW-52-P	1.90 (48)	6 (152)	36 (914)	0.52 (0.24)
2	SW	20E-SW-52-P	2.37 (60)	6 (152)	36 (914)	0.60 (0.27)
2½	SW	25E-SW-52-P	2.88 (73)	6 (152)	36 (914)	0.73 (0.33)
3	SW	30E-SW-52-P	3.50 (89)	6 (152)	36 (914)	0.95 (0.43)
4	SW	40E-SW-52-P	4.46 (113)	6 (152)	36 (914)	1.14 (0.52)
4	HW	40E-HW-52-P	4.51 (114)	6 (152)	36 (914)	1.54 (0.70)
5	MW	50E-MW-52-P	5.57 (141)	6 (152)	36 (914)	1.90 (0.86)
5	HW	50E-HW-52-P	5.60 (152)	6 (152)	36 (914)	2.10 (0.95)
6	MW	60E-MW-52-P	6.63 (168)	6 (152)	36 (914)	2.25 (1.02)
6	HW	60E-HW-52-P	6.66 (169)	6 (152)	36 (914)	2.59 (1.17)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-52-P	2.14 (54)	6 (152)	36 (914)	0.54 (0.25)
2½	SW	25F-SW-52-P	2.64 (67)	6 (152)	36 (914)	0.67 (0.30)
3	SW	30F-SW-52-P	3.14 (80)	6 (152)	36 (914)	0.76 (0.35)
3½	SW	35F-SW-52-P	3.64 (92)	6 (152)	36 (914)	0.95 (0.43)
4	SW	40F-SW-52-P	4.14 (105)	6 (152)	36 (914)	1.09 (0.50)
4	HW	40F-HW-52-P	4.19 (106)	6 (152)	36 (914)	1.46 (0.66)
4½	SW	45F-SW-52-P	4.64 (117)	6 (152)	36 (914)	1.19 (0.54)
4½	HW	45F-HW-52-P	4.69 (118)	6 (152)	36 (914)	1.65 (0.75)
5	MW	50F-MW-52-P	5.19 (132)	6 (152)	36 (914)	1.78 (0.81)
5	HW	50F-HW-52-P	5.22 (132)	6 (152)	36 (914)	2.05 (0.93)
6	MW	60F-MW-52-P	6.19 (157)	6 (152)	36 (914)	2.13 (0.97)
6	HW	60F-HW-52-P	6.22 (158)	6 (152)	36 (914)	2.50 (1.10)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-52-P	1.41 (36)	6 (152)	36 (914)	0.97 (0.44)
1	XW	10E-XW-52-P	1.68 (43)	6 (152)	36 (914)	1.08 (0.49)
1¼	XW	12E-XW-52-P	2.02 (51)	6 (152)	36 (914)	1.30 (0.59)
1½	XW	15E-XW-52-P	2.26 (57)	6 (152)	36 (914)	1.87 (0.85)
2	XW	20F-XW-52-P	2.50 (64)	6 (152)	36 (914)	2.00 (0.91)
2½	XW	25F-XW-52-P	3.00 (76)	6 (152)	36 (914)	2.44 (1.11)
3	XW	30F-XW-52-P	3.50 (89)	6 (152)	36 (914)	2.88 (1.31)
3½	XW	35F-XW-52-P	4.00 (102)	6 (152)	36 (914)	3.33 (1.51)
4	XW	40F-XW-52-P	4.50 (114)	6 (152)	36 (914)	3.77 (3.77)
5	XW	50F-XW-52-P	5.50 (140)	6 (152)	36 (914)	4.64 (2.11)
6	XW	60F-XW-52-P	6.50 (165)	6 (152)	36 (914)	5.53 (2.51)

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	SW	07E-SW-53-P	1.05 (27)	6 (152)	48 (1,219)	0.31 (0.14)
1	SW	10E-SW-53-P	1.32 (33)	6 (152)	48 (1,219)	0.35 (0.16)
1¼	SW	12E-SW-53-P	1.66 (42)	6 (152)	48 (1,219)	0.42 (0.19)
1½	SW	15E-SW-53-P	1.90 (48)	6 (152)	48 (1,219)	0.61 (0.28)
2	SW	20E-SW-53-P	2.37 (60)	6 (152)	48 (1,219)	0.70 (0.32)
2½	SW	25E-SW-53-P	2.88 (73)	6 (152)	48 (1,219)	0.84 (0.38)
3	SW	30E-SW-53-P	3.50 (89)	6 (152)	48 (1,219)	1.10 (0.50)
4	SW	40E-SW-53-P	4.46 (113)	6 (152)	48 (1,219)	1.32 (0.60)
4	HW	40E-HW-53-P	4.51 (114)	6 (152)	48 (1,219)	1.78 (0.81)
5	MW	50E-MW-53-P	5.57 (141)	6 (152)	48 (1,219)	2.20 (1.00)
5	HW	50E-HW-53-P	5.60 (142)	6 (152)	48 (1,219)	2.38 (1.08)
6	MW	60E-MW-53-P	6.63 (168)	6 (152)	60 (1,524)	2.60 (1.18)
6	HW	60E-HW-53-P	6.66 (169)	6 (152)	60 (1,524)	2.98 (1.35)



11¼° X 48"

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-53-P	2.14 (54)	6 (152)	48 (1,219)	0.62 (0.36)
2½	SW	25F-SW-53-P	2.64 (67)	6 (152)	48 (1,219)	0.77 (0.45)
3	SW	30F-SW-53-P	3.14 (80)	6 (152)	48 (1,219)	0.88 (0.55)
3½	SW	35F-SW-53-P	3.64 (92)	6 (152)	48 (1,219)	1.10 (0.55)
4	SW	40F-SW-53-P	4.14 (105)	6 (152)	48 (1,219)	1.27 (0.64)
4	HW	40F-HW-53-P	4.19 (106)	6 (152)	48 (1,219)	1.69 (0.86)
4½	SW	45F-SW-53-P	4.64 (117)	6 (152)	48 (1,219)	1.38 (0.73)
4½	HW	45F-HW-53-P	4.69 (118)	6 (152)	48 (1,219)	1.91 (0.95)
5	MW	50F-MW-53-P	5.19 (132)	6 (152)	48 (1,219)	2.07 (1.14)
5	HW	50F-HW-53-P	5.22 (133)	6 (152)	48 (1,219)	2.42 (1.27)
6	MW	60F-MW-53-P	6.19 (157)	6 (152)	48 (1,219)	3.34 (1.52)
6	HW	60F-HW-53-P	6.22 (158)	6 (152)	48 (1,219)	4.36 (1.98)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-53-P	1.41 (36)	6 (152)	48 (1,219)	1.09 (0.50)
1	XW	10E-XW-53-P	1.68 (43)	6 (152)	48 (1,219)	1.21 (0.55)
1¼	XW	12E-XW-53-P	2.02 (51)	6 (152)	48 (1,219)	1.46 (0.66)
1½	XW	15E-XW-53-P	2.26 (57)	6 (152)	48 (1,219)	2.11 (0.95)
2	XW	20F-XW-53-P	2.50 (64)	6 (152)	48 (1,219)	2.29 (1.04)
2½	XW	25F-XW-53-P	3.00 (76)	6 (152)	48 (1,219)	2.83 (1.29)
3	XW	30F-XW-53-P	3.50 (89)	6 (152)	48 (1,219)	3.34 (1.51)
3½	XW	35F-XW-53-P	4.00 (102)	6 (152)	48 (1,219)	3.86 (1.75)
4	XW	40F-XW-53-P	4.50 (114)	6 (152)	48 (1,219)	4.38 (1.99)
5	XW	50F-XW-53-P	5.50 (140)	6 (152)	48 (1,219)	5.41 (2.46)
6	XW	60F-XW-53-P	6.50 (165)	6 (152)	48 (1,219)	6.44 (2.92)