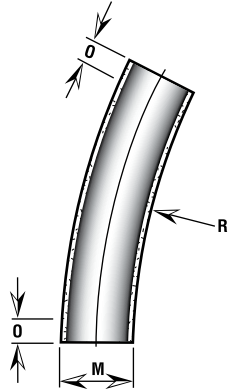


# PHENOLIC ELBOWS

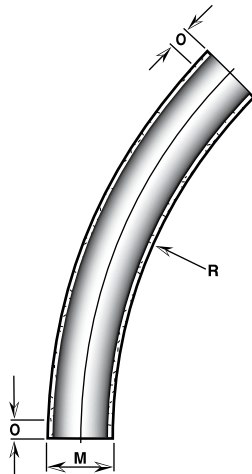


**30° X 60"**

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	SW	07E-SW-74-P	1.05 (27)	6 (152)	60 (1,524)	0.61 (0.28)
1	SW	10E-SW-74-P	1.32 (33)	6 (152)	60 (1,524)	0.68 (0.31)
1¼	SW	12E-SW-74-P	1.66 (42)	6 (152)	60 (1,524)	0.82 (0.37)
1½	SW	15E-SW-74-P	1.90 (48)	6 (152)	60 (1,524)	1.18 (0.54)
2	SW	20E-SW-74-P	2.37 (60)	6 (152)	60 (1,524)	1.36 (0.62)
2½	SW	25E-SW-74-P	2.88 (73)	6 (152)	60 (1,524)	1.65 (0.75)
3	SW	30E-SW-74-P	3.50 (89)	6 (152)	60 (1,524)	2.15 (0.98)
4	SW	40E-SW-74-P	4.46 (113)	6 (152)	60 (1,524)	2.58 (1.17)
4	HW	40E-HW-74-P	4.51 (115)	6 (152)	60 (1,524)	3.48 (1.58)
5	MW	50E-MW-74-P	5.57 (141)	6 (152)	60 (1,524)	4.30 (1.95)
5	HW	50E-HW-74-P	5.60 (142)	6 (152)	60 (1,524)	4.66 (2.12)
6	MW	60E-MW-74-P	6.63 (168)	6 (152)	60 (1,524)	5.09 (2.31)
6	HW	60E-HW-74-P	6.66 (169)	6 (152)	60 (1,524)	5.84 (2.65)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-74-P	2.14 (54)	6 (152)	60 (1,524)	1.22 (0.55)
2½	SW	25F-SW-74-P	2.64 (67)	6 (152)	60 (1,524)	1.51 (0.69)
3	SW	30F-SW-74-P	3.14 (80)	6 (152)	60 (1,524)	1.72 (0.78)
3½	SW	35F-SW-74-P	3.64 (92)	6 (152)	60 (1,524)	2.15 (0.98)
4	SW	40F-SW-74-P	4.14 (105)	6 (152)	60 (1,524)	2.47 (1.12)
4	HW	40F-HW-74-P	4.19 (106)	6 (152)	60 (1,524)	3.30 (1.50)
4½	SW	45F-SW-74-P	4.64 (117)	6 (152)	60 (1,524)	2.69 (1.22)
4½	HW	45F-HW-74-P	4.69 (118)	6 (152)	60 (1,524)	3.73 (1.69)
5	MW	50F-MW-74-P	5.19 (132)	6 (152)	60 (1,524)	4.05 (1.84)
5	HW	50F-HW-74-P	5.22 (132)	6 (152)	60 (1,524)	4.73 (2.15)
6	MW	60F-MW-74-P	6.19 (157)	6 (152)	60 (1,524)	4.84 (2.20)
6	HW	60F-HW-74-P	6.22 (158)	6 (152)	60 (1,524)	5.66 (2.57)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-74-P	1.41 (36)	6 (152)	60 (1,524)	2.21 (1.01)
1	XW	10E-XW-74-P	1.68 (43)	6 (152)	60 (1,524)	2.46 (1.12)
1¼	XW	12E-XW-74-P	2.02 (51)	6 (152)	60 (1,524)	2.97 (1.34)
1½	XW	15E-XW-74-P	2.26 (57)	6 (152)	60 (1,524)	4.27 (1.92)
2	XW	20F-XW-74-P	2.50 (65)	6 (152)	60 (1,524)	4.52 (2.05)
3	XW	30F-XW-74-P	3.50 (89)	6 (152)	60 (1,524)	6.52 (2.96)
4	XW	40F-XW-74-P	4.50 (114)	6 (152)	60 (1,524)	8.53 (3.87)
5	XW	50F-XW-74-P	5.50 (140)	6 (152)	60 (1,524)	10.54 (4.79)
6	XW	60F-XW-74-P	6.50 (165)	6 (152)	60 (1,524)	12.55 (5.70)



**45° X 12"**

Nominal Size	Type	IPS Item No.	M	O-Tangent (min.)	R-Radius (min.)	Weight lbs kg
¾	SW	07E-SW-80-P	1.05 (27)	6 (152)	12 (305)	0.30 (0.14)
1	SW	10E-SW-80-P	1.32 (33)	6 (152)	12 (305)	0.33 (0.15)
1¼	SW	12E-SW-80-P	1.66 (42)	6 (152)	12 (305)	0.40 (0.18)
1½	SW	15E-SW-80-P	1.90 (48)	6 (152)	12 (305)	0.58 (0.26)
2	SW	20E-SW-80-P	2.37 (60)	6 (152)	12 (305)	0.67 (0.30)
2½	SW	25E-SW-80-P	2.88 (73)	6 (152)	12 (305)	0.81 (0.37)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-80-P	2.14 (54)	6 (152)	12 (305)	0.60 (0.27)
2½	SW	25F-SW-80-P	2.64 (67)	6 (152)	12 (305)	0.74 (0.34)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-80-P	1.41 (36)	6 (152)	12 (305)	1.07 (0.48)
1	XW	10E-XW-80-P	1.68 (43)	6 (152)	12 (305)	1.19 (0.54)
1¼	XW	12E-XW-80-P	2.02 (51)	6 (152)	12 (305)	1.44 (0.65)
1½	XW	15E-XW-80-P	2.26 (57)	6 (152)	12 (305)	2.07 (0.94)
2	XW	20F-XW-80-P	2.50 (63)	6 (152)	12 (305)	2.21 (1.00)
2½	XW	25F-XW-80-P	3.00 (76)	6 (152)	12 (305)	2.70 (1.22)
3	XW	30F-XW-80-P	3.50 (89)	6 (152)	12 (305)	2.89 (1.31)
3½	XW	35F-XW-80-P	4.00 (102)	6 (152)	12 (305)	3.68 (1.67)