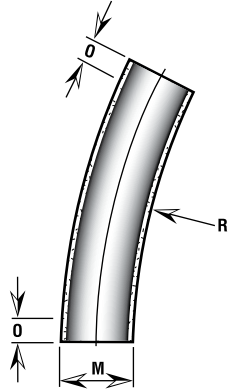


# PHENOLIC ELBOWS

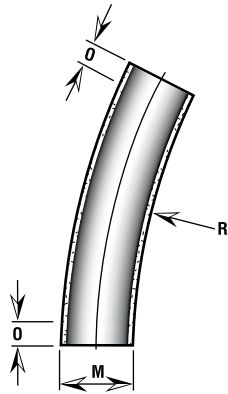


22 1/2° X 24"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min.)	R-Radius (min.)	Weight lbs kg
3/4	SW	07E-SW-61-P	1.05 (27)	6 (152)	24 (610)	0.30 (0.14)
1	SW	10E-SW-61-P	1.32 (33)	6 (152)	24 (610)	0.33 (0.15)
1 1/4	SW	12E-SW-61-P	1.66 (42)	6 (152)	24 (610)	0.40 (0.18)
1 1/2	SW	15E-SW-61-P	1.90 (48)	6 (152)	24 (610)	0.58 (0.26)
2	SW	20E-SW-61-P	2.37 (60)	6 (152)	24 (610)	0.67 (0.30)
2 1/2	SW	25E-SW-61-P	2.88 (73)	6 (152)	24 (610)	0.81 (0.37)
3	SW	30E-SW-61-P	3.50 (89)	6 (152)	24 (610)	1.06 (0.48)
4	SW	40E-SW-61-P	4.46 (113)	6 (152)	24 (610)	1.27 (0.58)
4	HW	40E-HW-61-P	4.51 (114)	6 (152)	24 (610)	1.71 (0.78)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-61-P	2.14 (54)	6 (152)	24 (610)	0.60 (0.27)
2 1/2	SW	25F-SW-61-P	2.64 (67)	6 (152)	24 (610)	0.74 (0.34)
3	SW	30F-SW-61-P	3.14 (80)	6 (152)	24 (610)	0.85 (0.38)
3 1/2	SW	35F-SW-61-P	3.64 (92)	6 (152)	24 (610)	1.06 (0.48)
4	SW	40F-SW-61-P	4.14 (105)	6 (152)	24 (610)	1.22 (0.55)
4	HW	40F-HW-61-P	4.19 (106)	6 (152)	24 (610)	1.62 (0.74)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
3/4	XW	07E-XW-61-P	1.41 (36)	6 (152)	24 (610)	1.07 (0.48)
1	XW	10E-XW-61-P	1.68 (43)	6 (152)	24 (610)	1.19 (0.54)
1 1/4	XW	12E-XW-61-P	2.02 (51)	6 (152)	24 (610)	1.44 (0.65)
1 1/2	XW	15E-XW-61-P	2.26 (57)	6 (152)	24 (610)	2.07 (0.94)
2	XW	20F-XW-61-P	2.50 (65)	6 (152)	24 (610)	2.21 (1.00)
2 1/2	XW	25F-XW-61-P	3.00 (76)	6 (152)	24 (610)	2.70 (1.23)
3	XW	30F-XW-61-P	3.50 (89)	6 (152)	24 (610)	3.32 (1.51)
3 1/2	XW	35F-XW-61-P	4.00 (102)	6 (152)	24 (610)	3.83 (1.74)
4	XW	40F-XW-61-P	4.50 (114)	6 (152)	24 (610)	4.34 (1.97)



22 1/2° X 36"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
3/4	SW	07E-SW-62-P	1.05 (27)	6 (152)	36 (914)	0.35 (0.16)
1	SW	10E-SW-62-P	1.32 (33)	6 (152)	36 (914)	0.40 (0.18)
1 1/4	SW	12E-SW-62-P	1.66 (42)	6 (152)	36 (914)	0.48 (0.22)
1 1/2	SW	15E-SW-62-P	1.90 (48)	6 (152)	36 (914)	0.69 (0.31)
2	SW	20E-SW-62-P	2.37 (60)	6 (152)	36 (914)	0.79 (0.36)
2 1/2	SW	25E-SW-62-P	2.88 (73)	6 (152)	36 (914)	0.96 (0.44)
3	SW	30E-SW-62-P	3.50 (89)	6 (152)	36 (914)	1.25 (0.57)
4	SW	40E-SW-62-P	4.46 (113)	6 (152)	36 (914)	1.50 (0.68)
4	HW	40E-HW-62-P	4.51 (114)	6 (152)	36 (914)	2.02 (0.91)
5	MW	50E-MW-62-P	5.57 (141)	6 (152)	36 (914)	2.50 (1.14)
5	HW	50E-HW-62-P	5.60 (152)	6 (152)	36 (914)	2.75 (1.25)
6	MW	60E-MW-62-P	6.63 (168)	6 (152)	36 (914)	2.96 (1.34)
6	HW	60E-HW-62-P	6.66 (169)	6 (152)	36 (914)	3.40 (1.54)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-62-P	2.14 (54)	6 (152)	36 (914)	0.71 (0.32)
2 1/2	SW	25F-SW-62-P	2.64 (67)	6 (152)	36 (914)	0.88 (0.40)
3	SW	30F-SW-62-P	3.14 (80)	6 (152)	36 (914)	1.00 (0.45)
3 1/2	SW	35F-SW-62-P	3.64 (92)	6 (152)	36 (914)	1.25 (0.57)
4	SW	40F-SW-62-P	4.14 (105)	6 (152)	36 (914)	1.44 (0.65)
4	HW	40F-HW-62-P	4.19 (106)	6 (152)	36 (914)	1.92 (0.87)
4 1/2	SW	45F-SW-62-P	4.64 (117)	6 (152)	36 (914)	1.56 (0.71)
4 1/2	HW	45F-HW-62-P	4.69 (118)	6 (152)	36 (914)	2.17 (0.99)
5	MW	50F-MW-62-P	5.19 (132)	6 (152)	36 (914)	2.36 (1.07)
5	HW	50F-HW-62-P	5.22 (132)	6 (152)	36 (914)	2.71 (1.23)
6	MW	60F-MW-62-P	6.19 (157)	6 (152)	36 (914)	2.82 (1.28)
6	HW	60F-HW-62-P	6.22 (158)	6 (152)	36 (914)	3.30 (1.50)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
3/4	XW	07E-XW-62-P	1.41 (36)	6 (152)	36 (914)	1.27 (0.58)
1	XW	10E-XW-62-P	1.68 (43)	6 (152)	36 (914)	1.42 (0.64)
1 1/4	XW	12E-XW-62-P	2.02 (51)	6 (152)	36 (914)	1.71 (0.77)
1 1/2	XW	15E-XW-62-P	2.26 (57)	6 (152)	36 (914)	2.46 (1.12)
2	XW	20F-XW-62-P	2.50 (65)	6 (152)	36 (914)	2.63 (1.19)
2 1/2	XW	25F-XW-62-P	3.00 (76)	6 (152)	36 (914)	3.21 (1.46)
3	XW	30F-XW-62-P	3.50 (89)	6 (152)	36 (914)	3.79 (1.72)
3 1/2	XW	35F-XW-62-P	4.00 (102)	6 (152)	36 (914)	4.38 (1.99)
4	XW	40F-XW-62-P	4.50 (114)	6 (152)	36 (914)	4.96 (2.25)
5	XW	50F-XW-62-P	5.50 (140)	6 (152)	36 (914)	6.13 (2.78)
6	XW	60F-XW-62-P	6.50 (165)	6 (152)	36 (914)	7.29 (3.31)