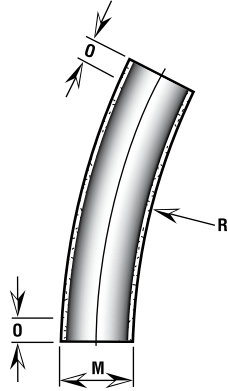


PHENOLIC ELBOWS

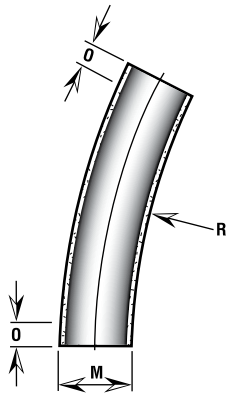


30° X 12°

Nominal Size	Type	IPS Item No.	M	O-Tangent (min.)	R-Radius (min.)	Weight lbs kg
¾	SW	07E-SW-70-P	1.05 (27)	6 (152)	12 (305)	0.27 (0.12)
1	SW	10E-SW-70-P	1.32 (33)	6 (152)	12 (305)	0.30 (0.14)
1¼	SW	12E-SW-70-P	1.66 (42)	6 (152)	12 (305)	0.36 (0.16)
1½	SW	15E-SW-70-P	1.90 (48)	6 (152)	12 (305)	0.52 (0.24)
2	SW	20E-SW-70-P	2.37 (60)	6 (152)	12 (305)	0.60 (0.27)
2½	SW	25E-SW-70-P	2.88 (73)	6 (152)	12 (305)	0.73 (0.33)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-70-P	2.14 (54)	6 (152)	12 (305)	0.54 (0.25)
2½	SW	25F-SW-70-P	2.64 (67)	6 (152)	12 (305)	0.67 (0.30)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-70-P	1.41 (36)	6 (152)	12 (305)	0.97 (0.44)
1	XW	10E-XW-70-P	1.68 (43)	6 (152)	12 (305)	1.08 (0.49)
1¼	XW	12E-XW-70-P	2.02 (51)	6 (152)	12 (305)	1.30 (0.59)
1½	XW	15E-XW-70-P	2.26 (57)	6 (152)	12 (305)	1.87 (0.85)
2	XW	20F-XW-70-P	2.50 (63)	6 (152)	12 (305)	2.00 (0.91)
2½	XW	25F-XW-70-P	3.00 (76)	6 (152)	12 (305)	2.44 (1.11)
3	XW	30F-XW-70-P	3.50 (89)	6 (152)	12 (305)	2.89 (1.31)
3½	XW	35F-XW-70-P	4.00 (102)	6 (152)	12 (305)	3.33 (1.51)



30° X 24°

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	SW	07E-SW-71-P	1.05 (27)	6 (152)	24 (610)	0.34 (0.15)
1	SW	10E-SW-71-P	1.32 (33)	6 (152)	24 (610)	0.38 (0.17)
1¼	SW	12E-SW-71-P	1.66 (42)	6 (152)	24 (610)	0.46 (0.21)
1½	SW	15E-SW-71-P	1.90 (48)	6 (152)	24 (610)	0.66 (0.30)
2	SW	20E-SW-71-P	2.37 (60)	6 (152)	24 (610)	0.76 (0.35)
2½	SW	25E-SW-71-P	2.88 (73)	6 (152)	24 (610)	0.92 (0.42)
3	SW	30E-SW-71-P	3.50 (89)	6 (152)	24 (610)	1.20 (0.54)
4	SW	40E-SW-71-P	4.46 (113)	6 (152)	24 (610)	1.44 (0.65)
4	HW	40E-HW-71-P	4.51 (114)	6 (152)	24 (610)	1.94 (0.88)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-71-P	2.14 (54)	6 (152)	24 (610)	0.68 (0.31)
2½	SW	25F-SW-71-P	2.64 (67)	6 (152)	24 (610)	0.84 (0.38)
3	SW	30F-SW-71-P	3.14 (80)	6 (152)	24 (610)	0.96 (0.44)
3½	SW	35F-SW-71-P	3.64 (92)	6 (152)	24 (610)	1.20 (0.54)
4	SW	40F-SW-71-P	4.14 (105)	6 (152)	24 (610)	1.38 (0.63)
4	HW	40F-HW-71-P	4.19 (106)	6 (152)	24 (610)	1.84 (0.84)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-71-P	1.41 (36)	6 (152)	24 (610)	1.22 (0.55)
1	XW	10E-XW-71-P	1.68 (43)	6 (152)	24 (610)	1.36 (0.62)
1¼	XW	12E-XW-71-P	2.02 (51)	6 (152)	24 (610)	1.64 (0.74)
1½	XW	15E-XW-71-P	2.26 (57)	6 (152)	24 (610)	2.36 (1.07)
2	XW	20F-XW-71-P	2.50 (65)	6 (152)	24 (610)	2.52 (1.14)
2½	XW	25F-XW-71-P	3.00 (76)	6 (152)	24 (610)	3.08 (1.40)
3	XW	30F-XW-71-P	3.50 (89)	6 (152)	24 (610)	3.72 (1.69)
3½	XW	35F-XW-71-P	4.00 (102)	6 (152)	24 (610)	4.30 (1.95)
4	XW	40F-XW-71-P	4.50 (114)	6 (152)	24 (610)	4.87 (2.21)