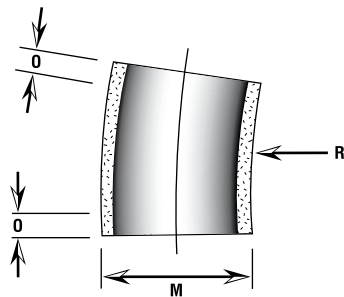


ELBOWS

Radii listed are available and larger radii can be supplied. Contact your local representative for more information. All bends are supplied with plain ends. To enhance installation, bends can be supplied with one or two bonded on couplings. Please specify if such an arrangement is required.

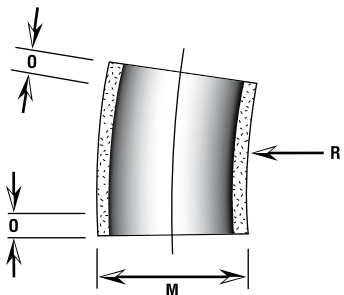


11 1/4° X 12"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	SW	07E-SW-50-P	1.05 (27)	6 (152)	12 (305)	0.20	(0.09)
1	SW	10E-SW-50-P	1.32 (33)	6 (152)	12 (305)	0.22	(0.10)
1 1/4	SW	12E-SW-50-P	1.66 (42)	6 (152)	12 (305)	0.27	(0.12)
1 1/2	SW	15E-SW-50-P	1.90 (48)	6 (152)	12 (305)	0.39	(0.18)
2	SW	20E-SW-50-P	2.37 (60)	6 (152)	12 (305)	0.44	(0.20)
2 1/2	SW	25E-SW-50-P	2.88 (73)	6 (152)	12 (305)	0.54	(0.25)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
2	SW	20F-SW-50-P	2.14 (54)	6 (152)	12 (305)	0.40	(0.18)
2 1/2	SW	25F-SW-50-P	2.64 (67)	6 (152)	12 (305)	0.49	(0.22)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	XW	07E-XW-50-P	1.41 (36)	6 (152)	12 (305)	0.71	(0.32)
1	XW	10E-XW-50-P	1.68 (43)	6 (152)	12 (305)	0.79	(0.36)
1 1/4	XW	12E-XW-50-P	2.02 (51)	6 (152)	12 (305)	0.96	(0.43)
1 1/2	XW	15E-XW-50-P	2.26 (57)	6 (152)	12 (305)	1.38	(0.63)
2	XW	20F-XW-50-P	2.50 (63)	6 (152)	12 (305)	1.47	(0.67)
2 1/2	XW	25F-XW-50-P	3.00 (76)	6 (152)	12 (305)	1.80	(0.82)
3	XW	30F-XW-50-P	3.50 (89)	6 (152)	12 (305)	2.18	(0.99)
3 1/2	XW	35F-XW-50-P	4.00 (102)	6 (152)	12 (305)	2.45	(1.11)



11 1/4° X 24"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	SW	07E-SW-51-P	1.05 (27)	6 (152)	24 (610)	0.24	(0.11)
1	SW	10E-SW-51-P	1.32 (33)	6 (152)	24 (610)	0.27	(0.12)
1 1/4	SW	12E-SW-51-P	1.66 (42)	6 (152)	24 (610)	0.33	(0.15)
1 1/2	SW	15E-SW-51-P	1.90 (48)	6 (152)	24 (610)	0.47	(0.21)
2	SW	20E-SW-51-P	2.37 (60)	6 (152)	24 (610)	0.54	(0.25)
2 1/2	SW	25E-SW-51-P	2.88 (73)	6 (152)	24 (610)	0.65	(0.30)
3	SW	30E-SW-51-P	3.50 (89)	6 (152)	24 (610)	0.85	(0.38)
4	SW	40E-SW-51-P	4.46 (113)	6 (152)	24 (610)	1.02	(0.46)
4	HW	40E-HW-51-P	4.51 (114)	6 (152)	24 (610)	1.37	(0.61)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
2	SW	20F-SW-51-P	2.14 (54)	6 (152)	24 (610)	0.48	(0.22)
2 1/2	SW	25F-SW-51-P	2.64 (67)	6 (152)	24 (610)	0.60	(0.27)
3	SW	30F-SW-51-P	3.14 (80)	6 (152)	24 (610)	0.68	(0.25)
3 1/2	SW	35F-SW-51-P	3.64 (92)	6 (152)	24 (610)	0.86	(0.39)
4	SW	40F-SW-51-P	4.14 (105)	6 (152)	24 (610)	0.98	(0.45)
4	HW	40F-HW-51-P	4.19 (106)	6 (152)	24 (610)	1.48	(0.67)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	XW	07E-XW-51-P	1.41 (36)	6 (152)	24 (610)	0.87	(0.39)
1	XW	10E-XW-51-P	1.68 (43)	6 (152)	24 (610)	0.97	(0.44)
1 1/4	XW	12E-XW-51-P	2.02 (51)	6 (152)	24 (610)	1.16	(0.53)
1 1/2	XW	15E-XW-51-P	2.26 (57)	6 (152)	24 (610)	1.68	(0.76)
2	XW	20F-XW-51-P	2.50 (63)	6 (152)	24 (610)	1.79	(0.81)
2 1/2	XW	25F-XW-51-P	3.00 (76)	6 (152)	24 (610)	2.19	(0.99)
3	XW	30F-XW-51-P	3.50 (89)	6 (152)	24 (610)	2.58	(1.17)
3 1/2	XW	35F-XW-51-P	4.00 (102)	6 (152)	24 (610)	2.98	(1.35)
4	XW	40F-XW-51-P	4.50 (114)	6 (152)	24 (610)	3.38	(1.53)