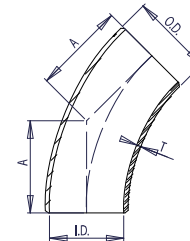


45° ELBOWS

3R SCHEDULE STD

Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	O.D.	I.D.	T	A		
3/4	1.05	0.824	0.113	0.94	40	0.50
1	1.32	1.054	0.133	1.25	40	0.70
1 1/4	1.66	1.380	0.140	1.56	40	1.00
1 1/2	1.90	1.610	0.145	1.88	40	1.30
2	2.38	2.072	0.154	2.50	40	1.50
2 1/2	2.88	2.474	0.203	3.12	40	1.75
3	3.50	3.068	0.216	3.75	40	3.00
3 1/2	4.00	3.548	0.226	4.38	40	5.00
4	4.50	4.026	0.237	5.00	40	9.00
5	5.56	5.044	0.258	6.19	40	16.00
6	6.62	6.060	0.280	7.44	40	22.50
8	8.62	7.976	0.322	9.94	40	45.00
10	10.75	10.020	0.365	12.44	40	80.00
12	12.75	12.000	0.375	14.88	*	120.00
14	14.00	13.250	0.375	17.38	30	150.00
16	16.00	15.250	0.375	19.88	30	193.00
18	18.00	17.250	0.375	22.38	*	248.00
20	20.00	19.250	0.375	24.88	20	308.00
24	24.00	23.250	0.375	29.81	20	440.00



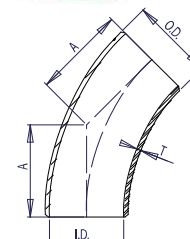
WELDBEND NOTES

1. Conforms to ASME B16.9 & ASTM A234 WPB.
 2. All dimensions are in inches.
 3. For bevel detail see page 107.
 4. For dimensional tolerances see page 108.
 5. For sizes larger than 24" please call.
 6. All weights are in pounds and approximated or estimated.
- * This size and thickness does not correspond to any pipe schedule number.

FITTINGS

3R SCHEDULE XS

Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	O.D.	I.D.	T	A		
3/4	1.05	0.742	0.154	0.94	80	0.16
1	1.32	0.962	0.179	1.25	80	0.28
1 1/4	1.66	1.278	0.191	1.56	80	0.45
1 1/2	1.90	1.500	0.200	1.88	80	0.61
2	2.38	1.944	0.218	2.50	80	1.20
2 1/2	2.88	2.328	0.276	3.12	80	2.00
3	3.50	2.900	0.300	3.75	80	3.30
3 1/2	4.00	3.364	0.318	4.38	80	4.50
4	4.50	3.826	0.337	5.00	80	6.20
5	5.56	4.810	0.375	6.19	80	10.50
6	6.62	5.756	0.432	7.44	80	17.00
8	8.62	7.620	0.500	9.94	80	34.30
10	10.75	9.750	0.500	12.44	60	53.50
12	12.75	11.750	0.500	14.88	*	77.60
14	14.00	13.000	0.500	17.38	*	100.00
16	16.00	15.000	0.500	19.88	40	134.00
18	18.00	17.000	0.500	22.38	*	170.00
20	20.00	19.000	0.500	24.88	30	209.00
24	24.00	23.000	0.500	29.81	*	302.00



WELDBEND NOTES

1. Conforms to ASME B16.9 & ASTM A234 WPB.
 2. All dimensions are in inches.
 3. For bevel detail see page 107.
 4. For dimensional tolerances see page 108.
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 6. All weights are in pounds and approximated or estimated.
- * This size and thickness does not correspond to any pipe schedule number.