

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS**ASME B16.9 & ASTM A234 WPB**Source: Import Domestic Approved**DIMENSIONS**

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (STD)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.622	0.109	40	0.32
3/4	1.05	3.00	2.00	0.824	0.113	40	0.34
1	1.32	3.00	2.19	1.049	0.133	40	0.74
1 1/4	1.66	3.75	2.75	1.380	0.140	40	1.10
1 1/2	1.90	4.50	3.25	1.610	0.145	40	1.60
2	2.38	6.00	4.19	2.067	0.154	40	3.20
2 1/2	2.88	7.50	5.19	2.469	0.203	40	6.10
3	3.50	9.00	6.25	3.068	0.216	40	9.40
3 1/2	4.00	10.50	7.25	3.548	0.226	40	12.80
4	4.50	12.00	8.25	4.026	0.237	40	17.50
5	5.56	15.00	10.31	5.047	0.258	40	29.30
6	6.62	18.00	12.31	6.065	0.280	40	47.00
8	8.62	24.00	16.31	7.981	0.322	40	87.00
10	10.75	30.00	20.38	10.020	0.365	40	164.00
12	12.75	36.00	24.38	12.000	0.375	-	237.00
14	14.00	42.00	28.00	13.250	0.375	30	311.00
16	16.00	48.00	32.00	15.250	0.375	30	408.00
18	18.00	54.00	36.00	17.250	0.375	-	514.00
20	20.00	60.00	40.00	19.250	0.375	20	636.00
24	24.00	72.00	48.00	23.250	0.375	20	908.00

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS

ASME B16.9 & ASTM A234 WPB

FITTINGS LR180



Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (XS)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.546	0.147	80	0.45
3/4	1.05	3.00	2.00	0.742	0.154	80	0.52
1	1.32	3.00	2.19	0.957	0.179	80	0.97
1 1/4	1.66	3.75	2.75	1.278	0.191	80	1.60
1 1/2	1.90	4.50	3.25	1.500	0.200	80	2.20
2	2.38	6.00	4.19	1.939	0.218	80	4.10
2 1/2	2.88	7.50	5.19	2.323	0.276	80	7.70
3	3.50	9.00	6.25	2.900	0.300	80	12.40
3 1/2	4.00	10.50	7.25	3.364	0.318	80	17.10
4	4.50	12.00	8.25	3.820	0.337	80	24.10
5	5.56	15.00	10.31	4.813	0.375	80	41.70
6	6.62	18.00	12.31	5.761	0.432	80	68.20
8	8.62	24.00	16.31	7.625	0.500	80	140.00
10	10.75	30.00	20.38	9.750	0.500	60	217.00
12	12.75	36.00	24.38	11.750	0.500	-	311.00
14	14.00	42.00	28.00	13.000	0.500	-	400.00
16	16.00	48.00	32.00	15.000	0.500	40	540.00
18	18.00	54.00	36.00	17.000	0.500	-	686.00
20	20.00	60.00	40.00	19.000	0.500	30	840.00
24	24.00	72.00	48.00	23.000	0.500	-	1210.00

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS**ASME B16.9 & ASTM A234 WPB**Source: Import Domestic Approved**DIMENSIONS**

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (40)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.622	0.109	40	0.32
3/4	1.05	3.00	2.00	0.824	0.113	40	0.34
1	1.32	3.00	2.19	1.054	0.133	40	0.74
1 1/4	1.66	3.75	2.75	1.380	0.140	40	1.10
1 1/2	1.90	4.50	3.25	1.610	0.145	40	1.60
2	2.38	6.00	4.19	2.072	0.154	40	3.20
2 1/2	2.88	7.50	5.19	2.474	0.203	40	6.10
3	3.50	9.00	6.25	3.068	0.216	40	9.40
3 1/2	4.00	10.50	7.25	3.548	0.226	40	12.80
4	4.50	12.00	8.25	4.026	0.237	40	17.50
5	5.56	15.00	10.31	5.044	0.258	40	29.30
6	6.62	18.00	12.31	6.060	0.280	40	47.00
8	8.62	24.00	16.31	7.976	0.322	40	87.00
10	10.75	30.00	20.38	10.020	0.365	40	164.00
12	12.75	36.00	24.38	11.938	0.406	40	240.00
14	14.00	42.00	28.00	13.124	0.438	40	315.00
16	16.00	48.00	32.00	15.000	0.500	40	410.00
18	18.00	54.00	36.00	16.876	0.562	40	520.00
20	20.00	60.00	40.00	18.812	0.594	40	640.00
24	24.00	72.00	48.00	22.824	0.688	40	915.00

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS**ASME B16.9 & ASTM A234 WPB**Source: Import Domestic Approved**DIMENSIONS**

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (80)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.546	0.147	80	0.45
3/4	1.05	3.00	2.00	0.742	0.154	80	0.52
1	1.32	3.00	2.19	0.962	0.179	80	0.97
1 1/4	1.66	3.75	2.75	1.278	0.191	80	1.60
1 1/2	1.90	4.50	3.25	1.500	0.200	80	2.20
2	2.38	6.00	4.19	1.944	0.218	80	4.10
2 1/2	2.88	7.50	5.19	2.328	0.276	80	7.70
3	3.50	9.00	6.25	2.900	0.300	80	12.40
3 1/2	4.00	10.50	7.25	3.364	0.318	80	17.10
4	4.50	12.00	8.25	3.826	0.337	80	24.10
5	5.56	15.00	10.31	4.810	0.375	80	41.70
6	6.62	18.00	12.31	5.756	0.432	80	68.20
8	8.62	24.00	16.31	7.620	0.500	80	140.00
10	10.75	30.00	20.38	9.562	0.594	80	220.00
12	12.75	36.00	24.38	11.374	0.688	80	315.00
14	14.00	42.00	28.00	12.500	0.750	80	410.00
16	16.00	48.00	32.00	14.312	0.844	80	550.00
18	18.00	54.00	36.00	16.124	0.938	80	695.00
20	20.00	60.00	40.00	17.938	1.031	80	850.00
24	24.00	72.00	48.00	21.562	1.219	80	1225.00

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS**ASME B16.9 & ASTM A234 WPB**Source: Import Domestic Approved**DIMENSIONS**

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (160)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.464	0.188	160	0.40
3/4	1.05	3.00	2.00	0.612	0.219	160	0.43
1	1.32	3.00	2.19	0.820	0.250	160	0.93
1 1/4	1.66	3.75	2.75	1.160	0.250	160	1.38
1 1/2	1.90	4.50	3.25	1.338	0.281	160	2.00
2	2.38	6.00	4.19	1.692	0.344	160	4.00
2 1/2	2.88	7.50	5.19	2.130	0.375	160	7.63
3	3.50	9.00	6.25	2.624	0.438	160	11.75
4	4.50	12.00	8.25	3.438	0.531	160	21.88
5	5.56	15.00	10.31	4.310	0.625	160	36.63
6	6.62	18.00	12.31	5.182	0.719	160	58.75
8	8.62	24.00	16.31	6.808	0.906	160	108.75
10	10.75	30.00	20.38	8.500	1.125	160	205.00
12	12.75	36.00	24.38	10.126	1.312	160	296.25
14	14.00	42.00	28.00	11.188	1.406	160	388.75
16	16.00	48.00	32.00	12.812	1.594	160	510.00
18	18.00	54.00	36.00	14.438	1.781	160	642.50
20	20.00	60.00	40.00	16.062	1.969	160	795.00
24	24.00	72.00	48.00	19.312	2.344	160	1135.00

Project Name: _____

Job #: _____

180° RETURN BENDS - LONG RADIUS**ASME B16.9 & ASTM A234 WPB**Source: Import Domestic Approved**DIMENSIONS**

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	BACK TO FACE (T)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (XXS)	APPROX WEIGHT
1/2	0.84	3.00	1.88	0.252	0.294	-	0.44
3/4	1.05	3.00	2.00	0.434	0.308	-	0.47
1	1.32	3.00	2.19	0.604	0.358	-	1.02
1 1/4	1.66	3.75	2.75	0.896	0.382	-	1.51
1 1/2	1.90	4.50	3.25	1.100	0.400	-	2.20
2	2.38	6.00	4.19	1.508	0.436	-	4.40
2 1/2	2.88	7.50	5.19	1.776	0.552	-	8.39
3	3.50	9.00	6.25	2.300	0.600	-	12.93
4	4.50	12.00	8.25	3.152	0.674	-	24.06
5	5.56	15.00	10.31	4.060	0.750	-	40.29
6	6.62	18.00	12.31	4.892	0.864	-	64.63
8	8.62	24.00	16.31	6.870	0.875	-	119.63
10	10.75	30.00	20.38	8.750	1.000	140	225.50
12	12.75	36.00	24.38	10.750	1.000	120	325.88