

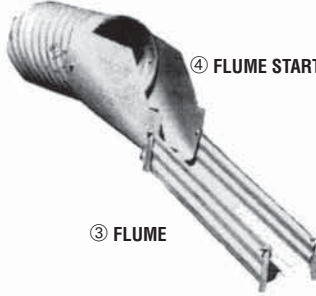
① HALF ROUND PIPE  
(CSP, CSP, CAP)



② PART CIRCLE  
CORRUGATED SHEET



④ FLUME STARTER SECTION



⑤ TAPERED FLUME INLET

③ FLUME

⑥ ENTRANCE TAPER



⑦ McCARTHY  
TYPE INLET WITH  
STARTER SECTION  
FOR FLUME



⑧ DROP INLETS,  
MANHOLE & RISERS



⑨ NESTABLE PIPE (Flange Type)



⑩ ANTI-SEEP COLLAR



⑪ ANCHOR ASSEMBLIES



⑫ DEBRIS RACKS

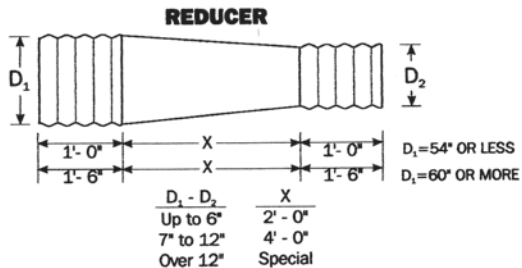
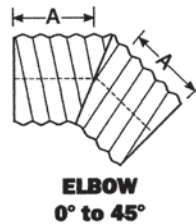
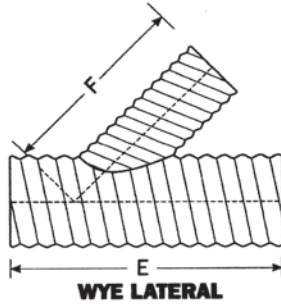
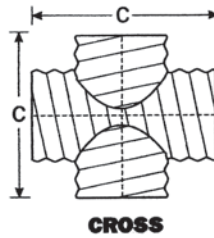
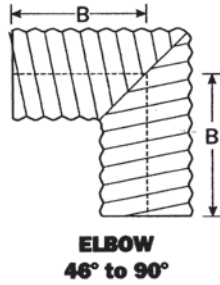
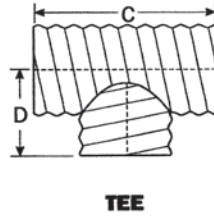
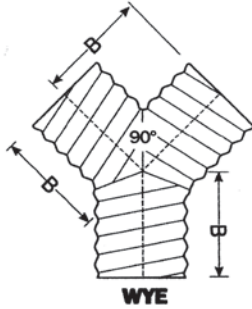
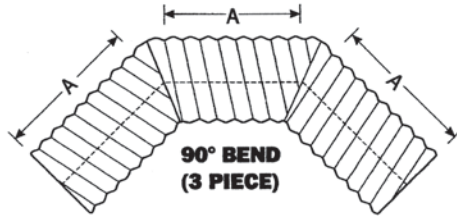


B & B Surplus, Inc  
Bakersfield  
(661) 589-0381

B & B Steel Supply  
Santa Maria  
(805) 349-9991

B & B Metals, Inc  
Santa Ana  
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# CORRUGATE PIPE FITTINGS



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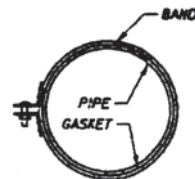
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Santa Ana  
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# CORRUGATE CULVERT PIPE

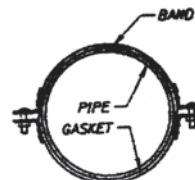
Gauge		16ga	14ga	12ga	10ga	
Size	Length	Pounds per foot				
6"	20ft	4.5	Na	Na	Na	
8"	"	7	"	"	"	
10"	"	8	"	"	"	
12"	"	10	12	"	"	
15"	"	12	15	"	"	
18"	"	15	18	"	"	
24"	"	19	24	33	"	
30"	"	24	30	41	"	
36"	"	29	36	49	62	
48"	"	38	48	65	82	
60"	"	55	67	92	118	
72"	"	66	81	110	140	
96"	"	87	107	147	188	

## 16 Gauge Cellars Rings

Size	Length	Pounds per Ft
60"	48"	55
60"	60"	55
60"	72"	55
72"	48"	66
72"	60"	66
72"	72"	66
96"	48"	87
96"	60"	87
96"	72"	87
96"	84"	87



**ONE PIECE BAND**  
12" through 42"



**TWO PIECE BAND**  
All due formed integral bands, other band couplers 48 inches and larger

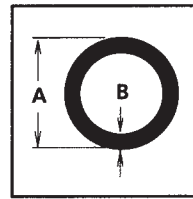
**B & B Surplus, Inc**  
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# ROUND TUBING

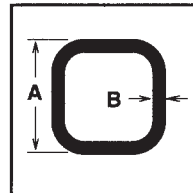
- A 513 HOT ROLLED ELECTRIC WELD
- STOCK LENGTH: 20 ft



O.D. INCHES	THICKNESS INCHES	I.D. INCHES	POUNDS PER FOOT	O.D. INCHES	THICKNESS INCHES	I.D. INCHES	POUNDS PER FOOT
1/2	.049	.402	.236	1 3/4	.065	1.620	1.170
	.065	.370	.302		.095	1.560	1.679
	.095	.310	.411		.120	1.510	2.089
5/8	.049	.527	.301	2	.065	1.870	1.343
	.065	.495	.389		.095	1.810	1.933
	.095	.435	.538		.120	1.760	2.409
3/4	.049	.652	.367	2 1/8	.065	1.995	1.430
	.065	.620	.476		.095	1.935	2.060
	.095	.560	.665		.120	1.885	2.570
7/8	.049	.787	.436	2 1/4	.065	2.120	1.517
	.065	.745	.562		.095	2.060	2.186
	.095	.685	.791		.120	2.010	2.730
1	.065	.870	.649	2 1/2	.065	2.370	1.690
	.095	.810	.918		.095	2.310	2.440
	.120	.760	1.128		.120	2.226	3.050
1 1/8	.065	.995	.736	2 3/4	.065	2.620	1.864
	.095	.935	1.045		.095	2.560	2.694
	.120	.885	1.288		.120	2.510	3.371
1 1/4	.065	1.120	.823	3	.065	2.870	2.037
	.095	1.065	1.172		.095	2.810	2.947
	.120	1.010	1.448		.120	2.760	3.691
1 1/2	.065	1.370	.996		.188	2.625	5.646
	.095	1.310	1.426		.250	2.500	7.434
	.120	1.260	1.769				

# RECEIVER TUBE

- 2.53 x 2.53 x .238 in
- ASTM A 500 - GRADE B
- FLASH REMOVED
- STOCK LENGTH: 20 ft



7.21 LBS per ft

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# PIPE

NOMINAL SIZE	SCHEDULE	O.D. INCHES	I.D. INCHES	THICKNESS INCHES	POUNDS PER FOOT
<b>14</b>	-	14.00	13.624	.188	27.73
	10	14.00	13.500	.250	36.71
	20	14.00	13.376	.312	45.61
	STD	14.00	13.250	.375	54.57
	40	14.00	13.124	.438	63.44
	XS	14.00	13.000	.500	72.09
	60	14.00	12.812	.594	85.05
	80	14.00	12.500	.750	106.13
	100	14.00	12.124	.938	130.85
	120	14.00	11.812	1.094	150.79
	140	14.00	11.500	1.250	170.21
<b>16</b>	-	16.00	15.624	.188	31.75
	10	16.00	15.500	.250	42.05
	20	16.00	15.376	.312	52.27
	STD	16.00	15.250	.375	62.58
	XS	16.00	15.000	.500	82.77
	60	16.00	14.688	.656	107.50
	80	16.00	14.312	.844	136.61
	100	16.00	13.938	1.031	164.82
	120	16.00	13.562	1.129	192.43
	<b>18</b>	-	18.00	17.750	.188
10		18.00	17.500	.250	47.39
STD		18.00	17.250	.375	70.59
XS		18.00	17.000	.500	93.45
40		18.00	16.876	.562	104.67
60		18.00	16.500	.750	138.17
80		18.00	16.124	.938	170.92
100		18.00	15.688	1.156	207.96
120		18.00	15.250	1.375	244.14
<b>20</b>		-	20.00	19.750	.188
	10	20.00	19.500	.250	52.73
	STD	20.00	19.250	.375	78.60
	XS	20.00	19.000	.500	104.13
	40	20.00	18.812	.594	123.11
	60	20.00	18.376	.812	166.40
	80	20.00	17.938	1.031	208.87
	100	20.00	17.438	1.281	256.10
	120	20.00	17.000	1.500	296.37
	<b>22</b>	10	22.00	21.500	.250
STD		22.00	21.250	.375	86.61
XS		22.00	21.000	.500	114.81
-		22.00	20.500	.750	170.21
-		22.00	20.000	1.000	224.28
80		22.00	19.750	1.125	250.81
100		22.00	19.250	1.375	302.88
<b>24</b>	10	24.00	23.500	.250	63.41
	STD	24.00	23.250	.375	94.62
	XS	24.00	23.000	.500	125.49
	40	24.00	22.624	.688	171.29
	60	24.00	22.064	.968	238.38
	80	24.00	21.562	1.219	296.58
	100	24.00	20.938	1.531	367.39

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**Santa Ana**  
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# PIPE

NOMINAL SIZE	SCHEDULE	O.D. INCHES	I.D. INCHES	THICKNESS INCHES	POUNDS PER FOOT
3 1/2	40	4.000	3.548	.226	9.11
	80	4.000	3.364	.318	12.50
	XXS	4.000	2.728	.636	22.85
4	40	4.500	4.026	.237	10.79
	80	4.500	3.826	.337	14.98
	120	4.500	3.624	.438	19.00
	160	4.500	3.438	.531	22.51
	XXS	4.500	3.152	.674	27.54
5	40	5.563	5.047	.258	14.62
	80	5.563	4.813	.375	20.78
	120	5.563	4.563	.500	27.04
	160	5.563	4.313	.625	32.96
	XXS	5.563	4.063	.750	38.55
6	-	6.625	6.249	.188	12.92
	-	6.625	6.125	.250	17.02
	40	6.625	6.065	.280	18.97
	80	6.625	5.761	.432	28.57
	120	6.625	5.501	.562	36.39
	160	6.625	5.187	.719	45.30
	XXS	6.625	4.897	.864	53.16
8	-	8.625	8.250	.188	16.94
	20	8.625	8.125	.250	22.36
	30	8.625	8.071	.277	24.70
	40	8.625	7.981	.322	28.55
	60	8.625	7.813	.406	35.64
	80	8.625	7.625	.500	43.39
	100	8.625	7.439	.593	50.95
	120	8.625	7.189	.719	60.71
	XXS	8.625	6.875	.875	72.42
	160	8.625	6.813	.906	74.69
10	-	10.750	10.374	.188	21.21
	20	10.750	10.250	.250	28.04
	-	10.750	10.136	.307	34.24
	40	10.750	10.020	.365	40.48
	XS	10.750	9.750	.500	54.74
	80	10.750	9.562	.594	64.43
	100	10.750	9.312	.719	77.03
	120	10.750	9.062	.844	89.29
	140	10.750	8.750	1.000	104.13
	160	10.750	8.500	1.125	115.64
12	10	12.750	12.374	.188	25.22
	20	12.750	12.250	.250	33.38
	STD	12.750	12.000	.375	49.56
	40	12.750	11.938	.406	53.52
	XS	12.750	11.750	.500	65.42
	60	12.750	11.626	.562	73.15
	80	12.750	11.374	.688	88.63
	100	12.750	11.062	.844	107.32
	120	12.750	10.750	1.000	125.49
	140	12.750	10.500	1.125	139.67
	160	12.750	10.126	1.312	160.27

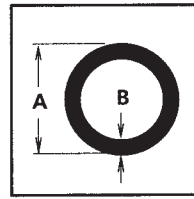
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# PIPE

- BLACK
- GALVANIZED
- STOCK LENGTHS: 21, 24 & 40 ft
- GRADES: A53A, A53B, A500 & A106



NOMINAL SIZE	SCHEDULE	O.D. INCHES	I.D. INCHES	THICKNESS INCHES	POUNDS PER FOOT
1/8	40	.405	.269	.068	.24
	80	.405	.215	.095	.31
1/4	40	.540	.364	.088	.42
	80	.540	.302	.119	.54
3/8	40	.675	.493	.091	.57
	80	.675	.423	.126	.74
1/2	40	.840	.622	.109	.85
	80	.840	.546	.147	1.09
	160	.840	.464	.188	1.31
	XXS	.840	.252	.294	1.71
3/4	40	1.050	.824	.113	1.13
	80	1.050	.742	.154	1.47
	160	1.050	.612	.219	1.94
	XXS	1.050	.434	.308	2.44
1	40	1.315	1.049	.133	1.68
	80	1.315	.957	.179	2.17
	160	1.315	.815	.250	2.84
	XXS	1.315	.599	.358	3.66
1 1/4	40	1.660	1.380	.140	2.27
	80	1.660	1.278	.191	3.00
	160	1.660	1.160	.250	3.76
	XXS	1.660	.896	.382	5.21
1 1/2	40	1.900	1.610	.145	2.72
	80	1.900	1.500	.200	3.63
	160	1.900	1.338	.281	4.86
	XXS	1.900	1.100	.400	6.41
2	40	2.375	2.067	.154	3.65
	80	2.375	1.939	.218	5.02
	160	2.375	1.687	.344	7.46
	XXS	2.375	1.503	.436	9.03
2 1/2	40	2.875	2.469	.203	5.79
	80	2.875	2.323	.276	7.66
	160	2.875	2.125	.375	10.01
	XXS	2.875	1.771	.552	13.69
3	40	3.500	3.068	.216	7.58
	80	3.500	2.900	.300	10.25
	160	3.500	2.624	.438	14.32
	XXS	3.500	2.300	.600	18.58

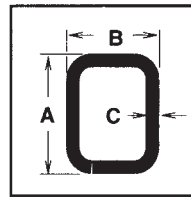
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# RECTANGULAR TUBING

- A 513 (ORNAMENTAL SIZES)
  - A 500 (STRUCTURAL SIZES)
- STOCK LENGTHS: 20, 24, 40, & 48 ft



OUTSIDE DIMENSIONS	WALL THICKNESS	POUNDS PER FOOT	OUTSIDE DIMENSIONS	WALL THICKNESS	POUNDS PER FOOT
1/2 x 1	.065	.605	3 x 5	.120	6.460
				.188	9.420
1/2 x 1 1/2	.065	.827		.250	12.210
				.375	17.270
3/4 x 1 1/2	.065	.937	3 x 6	.120	7.310
1 x 1 1/2	.065	1.047		.188	10.700
	.095	1.443		.250	13.910
	.120	1.844	.375	19.820	
1 x 2	.065	1.268	3 x 8	.188	13.250
	.095	1.815		.250	17.320
	.120	2.252		.375	24.930
	.188	3.350	4 x 6	.188	11.970
1 x 3	.065	1.710		.250	15.620
	.120	3.050		.375	22.370
1 1/2 x 2	.065	1.489	.500	28.430	
	.120	2.660	4 x 7	.188	13.250
1 1/2 x 3	.065	1.890		.250	17.320
	.120	3.480	.375	24.930	
	.188	4.960	4 x 8	.188	14.530
2 x 3	.120	3.900		.250	19.020
	.188	5.590		.375	27.480
	.250	7.110	.500	35.240	
2 x 4	.120	4.750	4 x 10	.188	17.080
	.188	6.870		.250	22.420
	.250	8.810		.375	32.580
	.375	12.170		.500	42.050
2 x 5	.120	5.610	4 x 12	.188	19.630
	.188	8.150		.250	25.820
	.250	10.510		.375	37.690
				.500	48.850
2 x 6	.120	6.460	5 x 7	.188	14.530
	.188	9.240		.250	19.020
	.250	12.210		.312	23.340
	.375	17.270		.375	27.480
2 x 8			.500	35.240	
	.188	11.970	6 x 8	.188	17.080
	.250	15.620		.250	22.420
.375	22.370	.375		32.580	
3 x 4	.120	5.610	6 x 10	.188	19.630
	.188	8.150		.250	25.840
	.250	10.510		.375	37.690
	.375	14.720			

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