



# FEDERAL STEEL SUPPLY

Call Anytime 24/7 **800-325-1584**

*We specialize in after-hour service.*

**Corporate Sales Office**  
747 Goddard Ave.  
Chesterfield, MO 63005

Phone: 636-537-2393  
Fax: 636-537-8795

**Processing Center**  
8003 Miller Rd #2  
Houston, TX 77049

Email: info@fedsteel.com  
Web: www.fedsteel.com

## SCHEDULED PIPE WALLS

Pipe Size	O.D. In mm	5	10	20	30	40	STD.	60	80	XH	100	120	140	160	XXH
1/8	10.3	0.89 0.21	1.24 0.28			1.73 0.36	1.73 0.36		2.41 0.47	2.41 0.47					
1/4	13.7	1.24 0.38	1.65 0.49	0.00 0.00	0.00 0.00	2.24 0.63	2.24 0.63	0.00 0.00	3.02 0.80	3.02 0.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
3/8	17.1	1.24 0.49	1.65 0.63	0.00 0.00	0.00 0.00	2.31 0.84	2.31 0.84	0.00 0.00	3.20 1.10	3.20 1.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1/2	21.3	1.65 0.80	2.11 1.00	0.00 0.00	0.00 0.00	2.77 1.27	2.77 1.27	0.00 0.00	3.73 1.62	3.73 1.62	0.00 0.00	0.00 0.00	0.00 0.00	4.75 1.94	7.47 2.55
3/4	26.7	1.65 1.02	2.11 1.28	0.00 0.00	0.00 0.00	2.87 1.68	2.87 1.68	0.00 0.00	3.91 2.19	3.91 2.19	0.00 0.00	0.00 0.00	0.00 0.00	5.54 2.88	7.82 3.63
1	33.4	1.65 1.29	2.77 2.09	0.00 0.00	0.00 0.00	3.38 2.50	3.38 2.50	0.00 0.00	4.55 3.24	4.55 3.24	0.00 0.00	0.00 0.00	0.00 0.00	6.35 4.24	0.36 0.29
1 1/4	42.2	1.65 1.65	2.77 2.69	0.00 0.00	0.00 0.00	3.56 3.38	3.56 3.38	0.00 0.00	4.85 4.46	4.85 4.46	0.00 0.00	0.00 0.00	0.00 0.00	6.35 5.47	9.70 7.76
1 1/2	48.3	1.65 1.90	2.77 3.11	0.00 0.00	0.00 0.00	3.68 4.05	3.68 4.05	0.00 0.00	5.08 5.41	5.08 5.41	0.00 0.00	0.00 0.00	0.00 0.00	7.14 7.24	10.16 9.55
2	60.3	1.65 2.39	2.77 3.93	0.00 0.00	0.00 0.00	3.91 5.44	3.91 5.44	0.00 0.00	5.54 7.47	5.54 7.47	0.00 0.00	0.00 0.00	0.00 0.00	8.71 11.08	11.07 13.44
2 1/2	73.0	2.11 3.69	3.05 5.26	0.00 0.00	0.00 0.00	5.16 8.63	5.16 8.63	0.00 0.00	7.01 11.41	7.01 11.41	0.00 0.00	0.00 0.00	0.00 0.00	9.53 14.92	14.02 20.40
3	88.9	2.11 4.51	3.05 6.45	0.00 0.00	0.00 0.00	5.49 11.27	5.49 11.27	0.00 0.00	7.62 15.25	7.62 15.25	0.00 0.00	0.00 0.00	0.00 0.00	11.10 21.31	15.24 27.65
3 1/2	101.6	2.11 5.17	3.05 7.41	0.00 0.00	0.00 0.00	5.74 13.57	5.74 13.57	0.00 0.00	8.08 18.63	8.08 18.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	16.15 34.04
4	114.3	2.11 5.83	3.05 8.35	0.00 0.00	0.00 0.00	6.02 16.06	6.02 16.06	7.14 18.84	8.56 22.29	8.56 22.29	0.00 0.00	11.10 28.29	0.00 0.00	13.49 33.49	17.12 40.98
5	141.3	2.77 9.45	3.40 11.56	0.00 0.00	0.00 0.00	6.55 21.75	6.55 21.75	0.00 0.00	9.53 30.92	9.53 30.92	0.00 0.00	12.70 40.24	0.00 0.00	15.88 49.04	19.25 57.36
6	168.3	2.77 11.30	3.40 13.84	0.00 0.00	0.00 0.00	7.11 28.27	7.11 28.27	0.00 0.00	10.97 42.57	10.97 42.57	0.00 0.00	14.27 54.21	0.00 0.00	18.24 67.48	21.95 79.20
7	193.7	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	7.65 35.07	0.00 0.00	0.00 0.00	12.70 56.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	22.23 93.86
8	219.1	2.77 14.77	3.76 19.96	6.35 33.31	7.04 36.79	8.18 42.54	8.18 42.54	10.31 53.09	12.70 64.64	12.70 64.64	15.06 75.78	18.24 90.33	20.62 100.94	23.01 111.27	22.23 107.89
9	244.5	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	8.69 50.44	0.00 0.00	0.00 0.00	12.70 72.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
10	273.1	3.40 22.63	4.19 27.79	6.35 41.77	7.80 51.01	9.27 60.31	9.27 60.31	12.70 81.54	15.06 95.83	12.70 81.54	18.24 114.60	21.41 132.88	25.40 155.13	28.58 172.28	0.00 0.00
11	298.5	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	9.53 67.78	0.00 0.00	0.00 0.00	12.70 89.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
12	323.9	4.19 33.04	4.57 36.00	6.35 49.72	8.38 65.21	10.31 79.74	9.53 73.84	14.27 108.98	17.48 132.04	12.70 97.45	21.41 159.70	25.40 186.95	28.58 208.08	33.32 238.77	0.00 0.00
14	355.6	0.00 0.00	6.35 54.69	7.92 67.95	9.53 81.29	11.10 94.30	9.53 81.29	15.06 126.49	19.05 158.11	12.70 107.40	23.80 194.75	27.76 224.46	31.75 253.58	35.71 281.73	0.00 0.00
16	406.4	0.00 0.00	6.35 62.65	7.92 77.88	9.53 93.23	12.70 123.31	9.53 93.23	16.66 160.15	21.41 203.30	12.70 123.31	26.19 245.55	30.94 286.46	36.50 332.96	40.46 365.15	0.00 0.00
18	457.2	0.00 0.00	6.35 70.60	7.92 87.81	11.10 122.11	14.27 155.93	9.53 105.16	19.05 205.84	23.80 254.38	12.70 139.22	29.36 309.81	34.93 363.71	39.67 408.52	45.24 459.59	0.00 0.00
20	508.0	0.00 0.00	6.35 78.56	9.53 117.09	12.70 155.13	15.06 183.10	9.53 117.09	20.62 247.90	26.19 311.16	12.70 155.13	32.51 381.24	38.10 1193.30	44.45 508.15	49.99 564.62	0.00 0.00
22	558.8	0.00 0.00	6.35 86.51	9.53 129.03	12.70 171.04	0.00 0.00	9.53 129.03	22.23 294.10	28.58 373.65	12.70 171.04	34.93 451.22	41.28 526.79	47.63 600.38	53.98 671.97	0.00 0.00
24	609.6	0.00 0.00	6.35 94.47	9.53 140.96	14.27 209.58	17.48 255.18	9.53 140.96	24.59 354.73	30.94 441.50	12.70 186.95	38.89 547.33	46.02 639.68	52.37 719.73	59.51 807.34	0.00 0.00
26	660.4	0.00 0.00	7.92 127.52	12.70 202.86	0.00 0.00	0.00 0.00	9.53 152.89	0.00 0.00	0.00 0.00	12.70 202.86	19.05 301.31	25.40 397.77	31.75 492.23	38.10 584.72	50.80 763.71
28	711.2	0.00 0.00	7.92 137.45	12.70 218.77	15.88 272.22	0.00 0.00	9.53 164.82	0.00 0.00	0.00 0.00	12.70 218.77	19.05 325.17	25.40 429.59	31.75 532.01	38.10 632.45	50.80 827.35
30	762.0	0.00 0.00	7.92 147.37	12.70 234.68	15.88 292.11	0.00 0.00	9.53 176.76	0.00 0.00	0.00 0.00	12.70 234.68	19.05 349.04	25.40 461.41	31.75 571.79	38.10 680.18	50.80 890.99
32	812.8	0.00 0.00	7.92 157.30	12.70 250.59	15.88 312.00	17.48 342.76	9.53 188.69	0.00 0.00	0.00 0.00	12.70 250.59	19.05 372.91	25.40 493.23	31.75 611.56	38.10 727.91	50.80 954.64
34	863.6	0.00 0.00	7.92 167.23	12.70 266.50	15.88 331.89	17.48 364.65	9.53 200.62	0.00 0.00	0.00 0.00	12.70 266.50	19.05 396.77	25.40 525.05	31.75 651.34	38.10 775.64	50.80 1018.28
36	914.4	0.00 0.00	7.92 177.16	12.70 282.41	15.88 351.77	19.05 420.64	9.53 212.56	0.00 0.00	0.00 0.00	12.70 282.41	22.23 489.00	25.40 556.87	31.75 691.12	38.10 823.37	50.80 1081.92
42	1066.8	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	9.53 248.35	0.00 0.00	0.00 0.00	12.70 330.15	19.05 492.23	25.40 652.34	31.75 810.45	38.10 966.57	50.80 1272.85
48	1219.2	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	9.53 284.15	0.00 0.00	0.00 0.00	12.70 377.88	19.05 563.83	25.40 747.80	31.75 929.78	38.10 1109.77	50.80 1463.78

**Commonly Requested Unscheduled Walls**