

# Detroit Nipple Pipe Chart

Pipe Size	O.D. in Inches	5S	5	10S	10				20		30	40S & Std.	40		60	80S & XH	80	100	120	140	160	XXH	
1/8	.405		.035 .14	.049 .19	.049 .19							.068 .25	.068 .25			.095 .31	.095 .31						
1/4	.540		.049	.065	.065							.088 .43	.088 .43			.119 .54	.119 .54						
3/8	.675		.049 .33	.065	.065							.091 .57	.091 .57			.126	.126 .74						
1/2	.840	.065 .54	.065 .54	.083 .67	.083 .67							.109 .85	.109 .85			.147 1.09	.147 1.09					.188 1.31	.294 1.72
3/4	1.050	.065 .68	.065 .68	.083 .86	.083 .86							.113 1.13	.113 1.13			.154 1.48	.154 1.48					.219 1.95	.308 2.44
1	1.315	.065 .87	.065 .87	.109 1.41	.109 1.41							.133 1.68	.133 1.68			.179 2.17	.179 2.17					.250 2.85	.358 3.66
1 1/4	1.660	.065 1.11	.065 1.11	.109 1.81	.109 1.81							.140 2.27	.140 2.27			.191 3.00	.191 3.00					.250 3.77	.382 5.22
1 1/2	1.900	.065 1.28	.065 1.28	.109 2.09	.109 2.09							.145 2.72	.145 2.72			.200 3.63	.200 3.63					.281 4.86	.400 6.41
2	2.375	.065 1.61	.065 1.61	.109 2.64	.109 2.64							.154 3.66	.154 3.66			.218 5.03	.218 5.03					.344 7.47	.436 9.04
2 1/2	2.875	.083 2.48	.083 2.48	.120 3.53	.120 3.53							.203 5.80	.203 5.80			.276 7.67	.276 7.67					.375 10.02	.552 13.71
3	3.500	.083 3.03	.083 3.03	.120 4.34	.120 4.34	.156 5.58	.188 6.66					.216 7.58	.216 7.58		.26	.300 10.26					.438 14.34	.600 18.60	
3 1/2	4.000	.083 3.48	.083 3.48	.120 4.98	.120 4.98							.226 9.12	.226 9.12			.318 12.52	.318 12.52						.636 22.87
4	4.500	.083	.083	.120	.120	.156	.188					.237	.237		.281	.337	.337		.438			.531	.674

		3 3.9 2	3 3.9 2	0 5.6 2	5.62	6 7.2 4	8 8.6 7				10.8 0	10.8 0		12.67	15.0 0	15.0 0		19.0 2		22.5 3	27.5 7	
4 1/2	5.000										.247 12.5 5				.355 17.6 3						.710 32.5 3	
5	5.563	.10 9 6.3 5	.10 9 6.3 5	.13 4 7.7 8	.134 7.78				.203 11.6 3		.258 14.6 3	.258 14.6 3			.375 20.8 0	.375 20.8 0		.500 27.0 6		.625 32.9 9	.750 38.5 9	
6	6.625	.10 9 7.5 9	.10 9 7.5 9	.13 4 9.3 0	.134 9.30	.15 6 10. 79	.18 8 12. 94		.203 13.9 4		.280 18.9 9	.280 18.9 9	.375 25.0 5		.432 28.6 0	.432 28.6 0		.562 36.4 3		.719 45.3 9	.864 53.2 1	
7	7.625										.301 23.5 7				.500 38.0 8						.875 63.1 4	
8	8.625	.10 9 9.9 2	.10 9 9.9 2	.14 8 13. 41	.148 13.4 1	.15 6 14. 12	.18 8 16. 96	.21 9 19. 68	.250 22.3 8		.277 24.72	.322 28.5 8	.322 28.5 8	.375 33.0 7	.406 35.67	.500 43.4 3	.500 43.4 3	.594 51.0 0	.719 60.7 7	.812 67.8 2	.906 74.7 6	.875 72.4 9
9	9.625										.342 33.9 4				.500 48.7 7							
10	10.75 0	.13 4 15. 21	.13 4 15. 21	.16 5 18. 67	.165 18.6 7	.18 8 21. 23	.21 9 24. 65		.250 28.0 6		.307 34.27	.365 40.5 2	.365 40.5 2		.500 54.79	.500 54.7 9	.594 64.4 9	.719 77.1 0	.844 89.3 8	1.00 0 104. 23	1.12 5 115. 75	1.00 0 104. 23
11	11.75 0										.375 45.6 0				.500 60.1 3							
12	12.75 0	.15 6 21. 00	.16 5 22. 20	.18 0 24. 19	.180	.18 8 25. 25	.21 9 29. 34		.250 33.4 1	.28 1 37. 46	.330 43.81	.375 49.6 1	.406 53.5 7		.562 73.22	.500 65.4 8	.688 88.7 1	.844 107. 42	1.00 0 125. 61	1.12 5 139. 81	1.31 2 160. 42	1.00 0 125. 61
14	14.00 0	.15 6 23. 09		.18 8 27. 76	.250 36.7 5				.312 45.6 5		.375 54.62	.375 54.6 2	.438 63.5 0		.594 85.13	.500 72.1 6	.750 106. 23	.938 130. 98	1.09 4 150. 93	1.25 0 170. 37	1.40 6 189. 29	
16	16.00 0	.16 5 27. 93		.18 8 31. 78	.250	.18 8 31. 78	.21 9 36. 95		.312 52.3 2	.28 1 47. 22	.375 62.64	.375 62.6 4	.500 82.8 5	.625 102. 72	.656 107.6 0	.500 82.8 5	.844 136. 74	1.03 1 164. 98	1.21 9 192. 61	1.43 8 223. 85	1.59 4 245. 48	
18	18.00 0	.16 5 31. 46		.18 8 35. 80	.250 47.4 4				.312 58.9 9		.438 82.23	.375 70.6 5	.562 104. 76	.625 116. 09	.750 138.3 0	.500 93.5 4	.938 171. 08	1.15 6 208. 15	1.37 5 244. 37	1.56 2 274. 48	1.78 1 308. 79	
20	20.00 0	.18 8 39. 82		.21 9 46. 31	.250 52.7 8				.375 78.6 7		.500 104.2 3	.375 78.6 7	.594 123. 23	.625 129. 45	.812 166.5 6	.500 104. 23	1.03 1 209. 06	1.28 1 256. 34	1.50 0 296. 65	1.75 0 341. 41	1.96 9 379. 53	
22	22.00				.250				.375		.500	.375			.875	.500	1.12	1.37	1.62	1.87	2.21	

	0				58.1 3				86.6 9		114.9 2	86.6 9			197.6 0	114. 92	5 251. 05	5 303. 16	5 353. 94	5 403. 38	5 451. 49
24	24.00 0	.21 9 55. 67		.25 0 63. 47	.250 63.4 7				.375 94.7 1		.562 140.8 1	.375 94.7 1	.688 171. 45	.750 186. 41	.969 238.5 7	.500 125. 61	1.21 9 296. 86	1.53 1 367. 74	1.81 2 429. 79	2.06 2 483. 57	2.34 4 542. 64
26	26.00 0				.312 85.6 8				.500 136. 30			.375 102. 72				.500 136. 30					
28	28.00 0				.312 92.3 5				.500 146. 99		.625 182.9 0	.375 110. 74									
30	30.00 0	.25 0 79. 51		.31 2 99. 02	.312 99.0 2				.500 157. 68		.625 196.2 6	.375 118. 76		.750 234. 51		.500 157. 68					
32	32.00 0				.312 105. 69				.500 168. 37		.625 209.6 2	.375 126. 78	.688 230. 29			.500 168. 37					
34	34.00 0				.312 112. 36				.500 179. 06		.625 222.9 9	.375 134. 79	.688 245. 00			.500 179. 06					
36	36.00 0				.312 119. 03				.500 189. 75		.625 236.3 5	.375 142. 81	.750 282. 62			.500 189. 75					
42	42.00 0										.375 166.8 6				.500 221.8 2						
48	48.0 00										.375 190. 92				.500 253. 89						