

# CHEMICAL DILUTION RATIO CHART



## SCREW IN TIP CHART

HYDROMINDER (+/- 10:1)



(Assumes feed pressure of 200 PSI (14 bar))

		#8-32 METERING TIPS															
Flow Rate (GPM) at 200 PSI	Injector Color →	0.25	0.50	0.75	1.00	1.50	2.00	2.25	3.00	3.25	3.75	4.50	5.50	8.00	10.00	12.00	15.00
Nozzle Size →		0.029" (0.7 mm)	0.040" (1.0 mm)	0.051" (1.3 mm)	0.057" (1.4 mm)	0.070" (1.8 mm)	0.083" (2.1 mm)	0.086" (2.2 mm)	0.095" (2.4 mm)	0.098" (2.5 mm)	0.106" (2.7 mm)	0.117" (2.9 mm)	0.125" (3.2 mm)	0.161" (4.1 mm)	0.117" (4.5 mm)	0.186" (4.7 mm)	0.207" (5.3 mm)
COPPER		1: 57	1: 104	1: 155	1: 195	1: 281	1: 406	1: 468	1: 598	1: 629	1: 739	1: 881	1: 1074	1: 2019	1: 2318	1: 3324	1: 4259
PUMPKIN		1: 43	1: 82	1: 119	1: 126	1: 238	1: 348	1: 398	1: 519	1: 554	1: 647	1: 774	1: 946	1: 1465	1: 1832	1: 2310	1: 3042
BURGUNDY		1: 34	1: 67	1: 97	1: 111	1: 207	1: 304	1: 347	1: 461	1: 495	1: 575	1: 690	1: 845	1: 1244	1: 1670	1: 1975	1: 2469
LIME		1: 28	1: 57	1: 81	1: 100	1: 183	1: 270	1: 307	1: 414	1: 447	1: 518	1: 622	1: 764	1: 988	1: 1262	1: 1481	1: 1958
TAN		1: 28	1: 57	1: 81	1: 100	1: 183	1: 270	1: 307	1: 414	1: 447	1: 518	1: 622	1: 764	1: 988	1: 1262	1: 1481	1: 1958
ORANGE		1: 23	1: 44	1: 64	1: 78	1: 137	1: 196	1: 215	1: 293	1: 314	1: 365	1: 437	1: 536	1: 751	1: 874	1: 1136	1: 1262
TURQUOISE		1: 17	1: 31	1: 45	1: 55	1: 91	1: 126	1: 134	1: 185	1: 197	1: 230	1: 274	1: 336	1: 561	1: 752	1: 885	1: 1099
PINK		1: 14	1: 24	1: 35	1: 42	1: 68	1: 93	1: 98	1: 130	1: 143	1: 159	1: 188	1: 224	1: 372	1: 473	1: 570	1: 728
LIGHT BLUE		1: 11	1: 17	1: 24	1: 31	1: 47	1: 64	1: 66	1: 93	1: 98	1: 114	1: 136	1: 166	1: 318	1: 406	1: 483	1: 572
BROWN		1: 10	1: 15	1: 22	1: 28	1: 43	1: 58	1: 59	1: 84	1: 88	1: 103	1: 122	1: 150	1: 270	1: 338	1: 408	1: 507
RED			1: 12	1: 17	1: 23	1: 34	1: 45	1: 46	1: 65	1: 69	1: 80	1: 95	1: 116	1: 202	1: 254	1: 306	1: 375
WHITE			1: 12	1: 16	1: 22	1: 31	1: 42	1: 43	1: 61	1: 64	1: 74	1: 88	1: 108	1: 180	1: 226	1: 272	1: 343
GREEN			1: 11	1: 14	1: 20	1: 28	1: 37	1: 38	1: 53	1: 55	1: 65	1: 76	1: 94	1: 160	1: 201	1: 241	1: 300
BLUE			1: 10	1: 12	1: 17	1: 23	1: 30	1: 31	1: 44	1: 46	1: 53	1: 63	1: 77	1: 122	1: 152	1: 185	1: 224
YELLOW				1: 9	1: 12	1: 16	1: 20	1: 22	1: 30	1: 31	1: 36	1: 42	1: 52	1: 80	1: 100	1: 120	1: 148
BLACK					1: 10	1: 13	1: 16	1: 17	1: 23	1: 24	1: 28	1: 33	1: 40	1: 61	1: 77	1: 92	1: 115
PURPLE					1: 6.6	1: 8.3	1: 9	1: 10	1: 13	1: 13	1: 15	1: 17	1: 21	1: 31	1: 39	1: 46	1: 57
GRAY					1: 5.3	1: 6.7	1: 6.9	1: 7.6	1: 9.9	1: 10	1: 11.6	1: 13	1: 16	1: 24	1: 30	1: 35	1: 44
OPEN					1: 4.9	1: 5.3	1: 5.2	1: 6.0	1: 6.1	1: 6.1	1: 7.6	1: 8.3	1: 10	1: 12	1: 15	1: 18	1: 23
3.00"		1: 251	1: 503	1: 754	1: 1006	1: 1509	1: 2012	1: 2263	1: 2416	1: 2460	1: 2628	1: 4526	1: 5532	1: 8047	1: 10059	1: 12070	1: 15088
2.00"		1: 181	1: 363	1: 544	1: 726	1: 1089	1: 1451	1: 1633	1: 1402	1: 1337	1: 1510	1: 3266	1: 3991	1: 5806	1: 7257	1: 8708	1: 10885
1.00"		1: 104	1: 208	1: 311	1: 415	1: 623	1: 831	1: 934	1: 835	1: 778	1: 898	1: 1869	1: 2284	1: 3322	1: 4153	1: 4983	1: 6229
0.75"		1: 82	1: 165	1: 247	1: 329	1: 494	1: 659	1: 741	1: 642	1: 668	1: 755	1: 1483	1: 1812	1: 2636	1: 3295	1: 3954	1: 4942
0.50"		1: 59	1: 119	1: 178	1: 238	1: 357	1: 475	1: 535	1: 487	1: 496	1: 558	1: 1069	1: 1307	1: 1901	1: 2376	1: 2852	1: 3564
0.25"		1: 34	1: 68	1: 102	1: 136	1: 204	1: 272	1: 306	1: 282	1: 304	1: 344	1: 612	1: 748	1: 1088	1: 1360	1: 1632	1: 2040

Metering Tip

Spiral Plug Length

3/7" polyflow (LLDPE) tubing is required to ensure a seal between the tube wall and the spiral plug.