Model 511 Hydrominder
METERING TIP CHART

ULTRA LEAN TIP

	DILUTION RATIO
Lt. Orange (Peach)	1030 to 1
Red Purple	880 to 1
Olive-Green	530 to 1
Light Purple	465 to 1
Precision (Dark Pink)	355 to 1

REGULAR TIP

	DILUTION RATIO
Pink	240 to 1
New Black	210 to 1
Lt. Grey	180 to 1
Purple	120 to 1
New Red	115 to 1
Aqua	103 to 1
Yellow	90 to 1
Dark Brown	75 to 1
Orange	64 to 1
Green	48 to 1
Tan (Medium)	36 to 1
Blue	25 to 1
White	23 to 1
Red	17 to 1
Beige (Light)	8 to 1
Black	6 to 1
Grey	5 to 1
Clear	No Hole

www.qualchem.biz
800.616.CHEM

USEFUL FACTS

1 gallon = 128 ounces
1 ounce = 30 mils
(55 gallon barrel) 1" = .58 gallon
(30 gallon barrel) 1" = .85 gallon

HydraFLEX ChemFLEX Injectors

CHEMICAL DILUTIONS RATIO

(assumes feed pressure of 200 psi)

HydraFLEX	NOZZLE SIZE					
FLOW RATE (GPM) AT 200 PSI	0.75	1.00	1.50	2.00	2.25	3.25
Metering Tip	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	0.098" 2.5 mm
COPPER	1:155	1:195	1:281	1:406	1:468	1:629
PUMPKIN	1:119	1:126	1:238	1:348	1:398	1:554
BURGUNDY	1:97	1:111	1:207	1:304	1:347	1:495
LIME	1:81	1:100	1:183	1:270	1:307	1:447
TAN	1:81	1:100	1:183	1:270	1:307	1:447
ORANGE	1:64	1:78	1:137	1:196	1:215	1:314
TURQUOISE	1:45	1:55	1:91	1:126	1:134	1:197
PINK	1:35	1:42	1:68	1:93	1:98	1:143
LIGHT BLUE	1:24	1:31	1:47	1:64	1:66	1:98
BROWN	1:22	1:28	1:43	1:58	1:59	1:88
RED	1:17	1:23	1:34	1:45	1:46	1:69
WHITE	1:16	1:22	1:31	1:42	1:43	1:64
GREEN	1:14	1:20	1:28	1:37	1:38	1:55
BLUE	1:12	1:17	1:23	1:30	1:31	1:46
YELLOW	1:9	1:12	1:16	1:20	1:22	1:31
BLACK		1:10	1:13	1:16	1:17	1:24
PURPLE		1:6.6	1:8.3	1:9.0	1:10	1:13
GRAY		1:5.3	1:6.7	1:6.9	1:7.6	1:10
OPEN		1:4.9	1:5.3	1:5.2	1:6.0	1:6.1

NOTE: Dilution ratios given above are based on drawing water through the metering tips and are meant as a starting point for system configuration. Results are expected to vary when drawing chemicals due to differences in viscosity and temperature.