

<b>APPROXIMATE DILUTIONS AT 40 PSI FOR WATER-THIN PRODUCTS (1.0 CP)</b>			
<b>Tip Color</b>	<b>Orifice Size</b>	<b>(Std. Drill Number)</b>	<b>Ratio</b>
No Tip	.187	(3/16)	4:1
Grey	.128	(30)	5:1
Black	.098	(40)	6:1
Beige	.070	(50)	8:1
Red	.052	(55)	17:1
White	.043	(57)	23:1
Blue	.040	(60)	25:1
Tan	.035	(65)	36:1
Green	.028	(70)	48:1
Orange	.025	(72)	64:1
Brown	.023	(74)	75:1
Yellow	.020	(76)	90:1
Purple	.014	(79)	120:1
Pink	.010	(87)	240:1

**Metering Tip Selection:**

The final concentration of the dispensed liquid is related to both the size of the metering tip opening (orifice) and the viscosity of the liquid being siphoned. If product viscosity is noticeably greater than that of water, consult the procedure for Measurement of Concentration on the first page to achieve your desired water-to-product ratio. For water-thin products, use the chart at right as a guideline. Because such factors as inlet water pressure and temperature can affect dilution ratios, the figures listed below are only approximate. Test the actual dilution you are achieving using the Measurement of Concentration procedure for best results. Two undrilled, clear tips are supplied for drilling sizes not listed.