

# Metering Tips, PVDF - Color Coded (11)

MODEL # 443784K

## OVERVIEW

Chemical management made simpler, neater, cleaner and safer. Convenient accessories to complement our wide range of chemical application equipment.

### Set of 11 Color-Coded Metering Tips

- A metering tip is used to control the amount of chemical being drawn into the water stream in a Venturi body
- The metering tip is installed in the chemical suction tube
- Each color-coded tip allows chemical to flow through the tip at a specific rate (measured in oz. per minute)
- The final dilution ratio produced by each tip varies based on the water volume (GPM) and pressure (PSI) flowing through the Venturi body of the specific unit being installed
- Refer to the Metering Tip Selection Chart in the Installation & Operation Instructions to choose the appropriate tip
- The online Lafferty Metering Tip Calculator assists with these calculations
  - <http://www.laffertyequipment.com/tools/metering-tip-calculator>
- Precision molded PVDF construction for enhanced chemical resistance (standard metering tips are polypropylene)

### PVDF Metering Tip Selection

Lafferty Part Number	Metering Tip Color	Fl-Oz Per Min
440075K	Brown	0.56
440095K	Clear	0.88
440120K	Bright Purple	1.38
440150K	White	2.15
440175K	Salmon (Pink)	2.93
440210K	Corn Yellow	3.84
440235K	Dark Green	4.88
440260K	Orange	5.77
440275K	Gray	6.01
440295K	Light Green	7.01
440345K	Clear Pink	9.43

The dilution ratios above are approximate values. Due to chemical viscosity, actual dilution ratios may vary.

**FORMULA**

$GPM \times 128 \div \text{Dilution ratio} = \text{fl-oz/min}$

### METERING TIPS

The following chart is to be used as a guide. The list shows orifices in ascending order from smallest (Brown) to largest (Black).

$$\text{Dilution Ratio}^* = \frac{(GPM \times 128)}{\text{Oz. per min.}}$$

\*(For water thin chemicals)

Brown	0.56 oz/min
Clear	0.88 oz/min
Bright Purple	1.38 oz/min
White	2.15 oz/min
Pink	



### CAUTION

Do not over-tighten metering tips during installation