

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