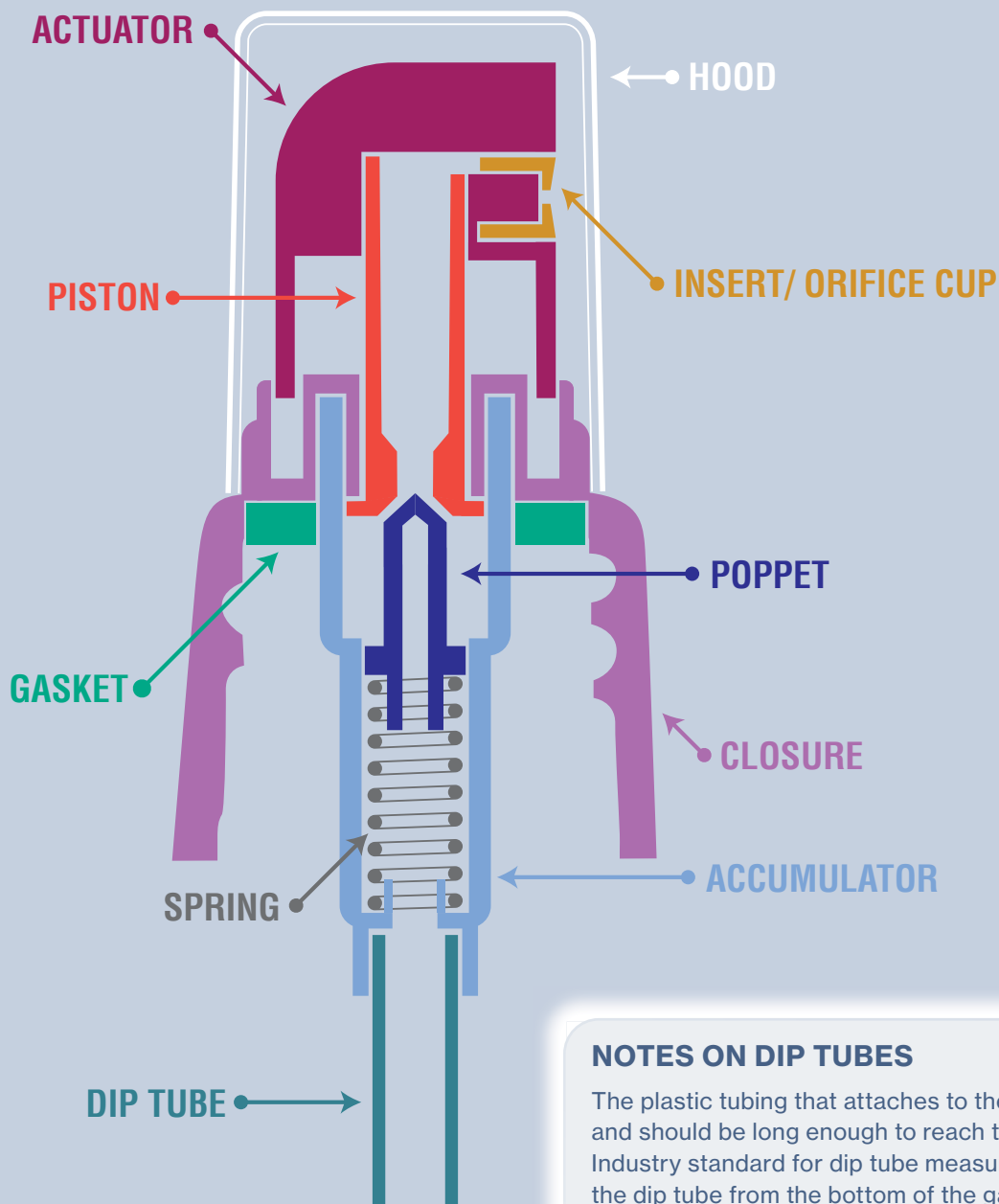


# Anatomy of a Fine Mist Sprayer

Below is a cross section of a basic fine mist sprayer. The most common terms you will see when searching for sprayers is the finish (which is the diameter and height of the closure), the hood, the actuator and the dip tube. The insert or orifice cup is part of the actuator that determines your spray pattern. The piston, poppet, spring and sometimes a ball are all part of the engine. When you depress the actuator, it causes pressure to build up in the engine, drawing the product upwards to be dispensed via the insert delivering a consistent spray pattern and output. The gasket forms a tight seal between the sprayer and the bottle, preventing leakage. Remember, always test your samples with your product and your bottle before purchasing, especially if your product has a high percentage of essential oils. If you have any other questions or concerns about fine mist sprayers, please consult your sales rep for more information.



## NOTES ON DIP TUBES

The plastic tubing that attaches to the sprayer is the dip tube and should be long enough to reach the bottom of the bottle. Industry standard for dip tube measurement states to measure the dip tube from the bottom of the gasket (BOG) to the end of the tube. McKernan has the capabilities to rework the tubing on most sprayers to get the length needed for your product.