

VAPOR SHEATH FOR LIQUID DISPENSING NOZZLE

ABSTRACT

The present disclosure provides a device for preventing the fouling of a liquid dispensing nozzle. The end of the dispensing nozzle is placed in a hollow interior of a band carrying the same solvents that are dispensed by the nozzle. The solvent on the band evaporates into a gap between the ring and the dispensing nozzle, thus providing a vapor sheath or environment that helps to prevent the fouling of the dispensing nozzle.

Figure 1