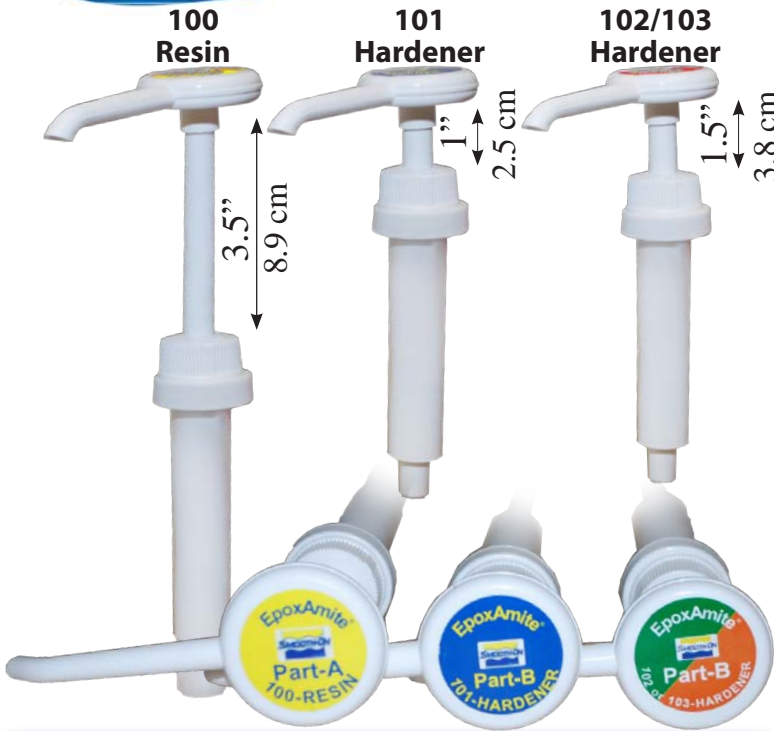


EpoxAmite® Laminating Epoxy "One Push" Dispensing Pumps



PRODUCT OVERVIEW

EpoxAmite® pumps are calibrated to deliver the correct amount of Part A resin and Part B hardener with a single push.

One Push 'A' + One Push 'B' = Correct Amount of Product to Mix.

No need to weigh components using a gram scale or measure by volume using graduated cups.

Pumps are identified by label on pump head.

Packaging and Installation Guide: Quart & Gallon

Pump Install for Quart & Gallon Kits

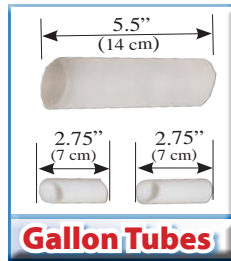
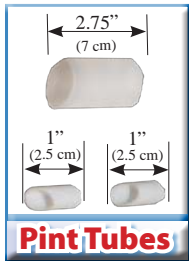


Match the extension tube to the appropriate pump



Firmly insert extension tube on the pump about 1/2" (1.3 cm)

Extension Tube Sizes



Install extension tubes onto pumps as shown. Install pumps onto the appropriate containers. Follow instructions on reverse side for priming.

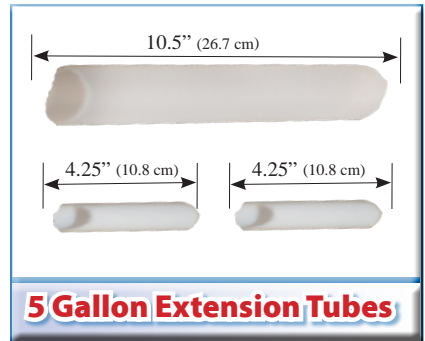


Packaging and Installation Guide: Five Gallon

Pump Install for Five Gallon Kits



Push the appropriate extension tube onto the pump seating it firmly to the base



Remove inner seal prior to inserting extension tube and pump



Install the pump assembly onto the container

Install extension tubes onto pumps as shown. Install pumps onto the appropriate containers. Follow instructions on reverse side for priming the pumps and all pump maintenance. With proper care pumps will last a long time.



EpoxAmite® Five Gallon Family of Products

Preparation . . .

In order for pumps to function properly, EpoxAmité® Resin (Part A) and Hardener (Part B) should be stored and used at a minimum temperature of 73°F / 23°C. Cold temperatures will result in higher viscosities that can affect pump performance, mix ratios and epoxy cure time.

Installing Pumps . . .

Make sure you have the correct pumps on the correct containers. *Installing the wrong pumps will result in resin not curing properly.*

Priming Pumps . . .

Containers should be upright on a level surface for pumps to function properly. Once pumps are installed on containers as directed, priming is necessary to initiate flow and establish proper measurement of Part A resin and Part B hardener. After pumps are securely installed as directed, place a graduated measuring cup under each pump. Material dispensed while priming the pumps can be poured back into containers or mixed and applied if combined in the proper mix ratio (consult EpoxAmité® 100 technical bulletin for proper mix ratio by volume).



Compress the head of each pump fully several times until you feel resistance. The spring in the pump will return the head to the fully up position. Resistance should increase with each stroke until you see a continuous flow of fluid from the pump.

Down Time; if you do not use the pumps for several hours, they may lose fluid and become “un-primed”. Re-priming may be necessary to avoid an off-ratio mix.

Recommended . . .

Before using pumps to dispense EpoxAmité® epoxy for the first time or for an important project, perform a small test to determine whether or not pumps are dispensing accurately. Dispense, mix and observe whether or not mixture cures properly.

Dispensing Rates . . .

Over time, Part A and B containers should empty at the same rate. This is an indication that pumps are working properly. If you have significantly more of either Part A or B left over at the end of the unit, pumps need to be checked for accuracy. Re-priming may be required to remedy.

Storing Pump On Containers . . .

Pumps can remain on containers during storage. Not using pumps for several hours may cause pumps to lose fluid and become “un-primed”. Re-priming may be necessary. Store EpoxAmité® components (Parts A & B) in a dry location at 73°F / 23°C.

If left on containers and not used for extended periods, Part A or B liquids may crystallize on pumps. Tubes may become obstructed with crystallized material and should not be used until cleared. A bristle brush cleaning tool can be used for this purpose

Storing Apart From Containers . . .

Pumps can be flushed acetone for storing. Pump acetone through pumps until clean. Shake excess acetone from tubes and let dry for 10 minutes. Store pumps in at 73°F / 23°C in a dry area. **WARNING** – Acetone is flammable. Keep away from combustion sources and follow all safety precautions when handling flammable solvents.

Clean Up of Spilled Liquid . . .

Liquid resin or curative can be removed from skin and surfaces using Epoxee Kleener® (available from your Smooth-On distributor) or solvent.

IMPORTANT: *Pump Dispensing Parts A & B (resin and hardener)* - Once pumps have been properly primed, make sure that you depress pump fully to the bottom and make sure the pump head returns fully to the top. Proper stroke compression will ensure accurate measurement of Parts A & B. Partial or incomplete strokes will result in the wrong mix ratio of Part A to B and the mixture will not cure properly.

One Full Stroke Part A + One Full Stroke Part B = Correct amount of Parts A & B

Always use full strokes from each pump. Partial strokes will result in an off-ratio mix which can result in an incomplete cure of the resin and/or low physical properties.



Call Us Anytime With Questions About Your Application.

Toll-free: (800) 762-0744 (610) 252-5800 Fax: (610) 252-6200

The new www.smooth-on.com is loaded with information about moldmaking, casting and more.

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