

Kit Contents©

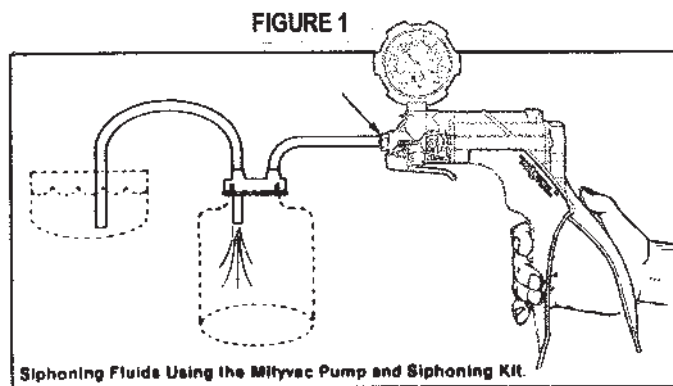
- | | |
|--|---------------------------|
| 1. 1/4" I.D. Tubing x 48" (Cut tubing to suggested lengths of 12" & 36") | 2. 3/8" I.D. Tubing x 48" |
| 3. Mason Jar Lid - 70mm | 4. Mason Jar Lid - 84mm |
| 5. Variable Tubing Adapters with Holder | |

The Mityvac Liquid Transfer Accessory Kit contains lids for standard sized and wide-mouthed Mason jars and the required pieces of plastic tubing for transferring liquids. The Mason jar lids make it easy to siphon oils, paints, chemicals, etc. in small volume applications.

Warning: The Mityvac pump was not designed to pump liquids through it. When transferring liquids, an intermediate container must be used to prevent the liquid from reaching the pump. Should your pump become contaminated, disassemble, wash thoroughly with soapy water, allow to dry, lubricate with Silicone Oil (or Dot 5 Silicone based brake fluid, or Vegetable Oil), and reassemble. Not following this procedure could damage your Mityvac pump.

Siphoning Procedure (Figure 1)

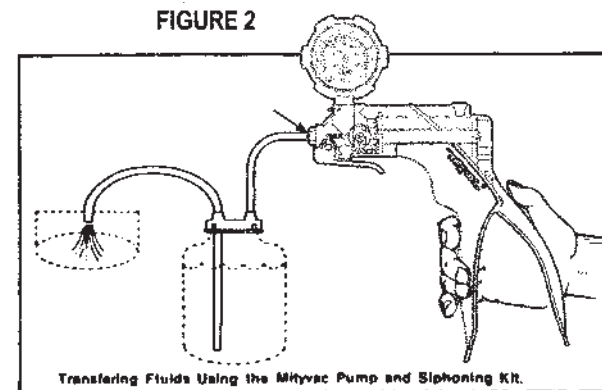
1. From the kit, select a lid that fits your container. Tighten the lid or ring firmly onto the container.
2. Connect the 12" piece of 1/4" I.D. tubing between the lid outlet marked "Pump" and the vacuum port of the Mityvac pump as shown.
3. Push the appropriately sized tubing through the lid until about 3" extends through into the jar. Place the other end in the liquid to be siphoned.
4. Place the container you are siphoning into below the level of the container you are siphoning from. Pump the Mityvac vacuum pump until liquid is flowing into the receiving container. The liquid will continue to flow as long as the receiving container remains lower than container of liquid being siphoned from.
5. When the desired amount of liquid has been siphoned, remove the long tubing from the container where liquid is being siphoned from. Warning - Stop siphoning before receiving container is completely full to avoid the possibility of liquid being drawn into the pump.



Liquid Transfer Procedure (Figure 2)

The liquid transfer procedure uses the pressure feature of the Mityvac Dual Pressure Vacuum pump to push the liquids from one container to another.

1. From the accessory kit, select a lid to fit your container. Tighten the lid or ring to the container.
2. Connect the 12" piece of 1/4" I.D. tubing between the lid outlet marked "pump" and the pressure port of the Mityvac pump as shown.
3. Push the appropriately sized tubing through the lid of the container until the end of the tubing is about 1/8" to 1/4" from the bottom of the container.
4. Put the other end of the tubing into the receiving container.
5. Ensure the pressure/vacuum selection knob is turned to pressure.
6. Pump the Mityvac pump until the desired amount of liquid has been transferred. Slow down the pumping when the receiving container gets full, as the residual pressure from the sealed container could cause the fluid to overflow.



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Instructions for use of Variable Tubing Adapters

Note: When using 3/8" I.D. tubing in conjunction with the two Mason jar lids, no variable adapters are required as the 3/8" tubing fits directly into both lids.

However, should it be necessary to use any other sized tubing other than the tubing provided; the variable tubing adapters can be used to reduce the diameter of the lid hole. Simply Insert the tubing into the necessary adapter (flanged edge first) and connect the other adapters (flanged edge first), until the required diameter is reached. (See figure 3). Insert your tubing into the smallest adapter being used and insert the largest adapter into the lid

FIGURE 3



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