

TECH TIP SHEET

3 in 1 Air Sprayable Seam Sealer & Caulking Gun

1. Air Sprayable Seam Sealer Applicator

Nozzle Purging

A characteristic of the Air Sprayable Sealant and the Sprayable Seam Sealer Applicator Gun is that some sealant continues to flow out of the nozzle after the trigger is released. In order to control this flow of sealant, a purging method to remove the excess sealant in the nozzle was developed. The correct purging method is as follows:

1. Do not change the plunger or air atomization pressure setting that were used during the application of the sealant.
2. Squeeze the Air Sprayable Seam Sealer Applicator Gun trigger to approximately of the full trigger action, using. If have not ,it will be leak for throttle valve. This will clear the spray nozzle of sealant.
two fast, short strokes. Only air shout come out the nozzle. This will clear the outer nozzle of sealant.

Caution: During the purging cycle, the plunger pressure (GREEN VALVE) must be SET at ZERO and the air atomization pressure (RED VALVE) must be Set LOWER than 4. If pressure is set higher than 4, the procedure will create back pressure and cause the plunger in the cartridge to reverse discharge sealant into the gun barrel. It will also cause applicator gun failure and void the manufacture's warranty.

Pressure Valve Settings

Technicians will need to adjust pressure settings and vary nozzle tip distances from the surface in order to achieve the desired appearance of a bead, sprayed seam and coating. The air line pressure to the Air Sprayable Seam Sealer Applicator Gun shout be controlled via a pressure regulator and operated in the range of 50-90 PSI . (DO NOT EXCEED 90 PSI)

When the applicator gun pressure and the distance from the surface are adjusted appropriately, no overspray is observed. If overspray is experienced, check the air pressure to the gun. The following pressure valve setting are listed as general guidelines for producing the desired patterns.

BEADS

Adjust red valve to: 10°-15°

Adjust blue valve to :

Narrow Bead 15° - 30°

Wide Bead 35° - 55°

Heavy Bead 60° - 90°

@ Spray at a distance of 0 - 1 inches
from the surface to minimize overspray



SPRAYED SEAM

Adjust red valve to 45°-60°

Adjust blue valve to 35°-55°

@ Spray at a distance of 6 - 10 inches
from the surface to minimize overspray.

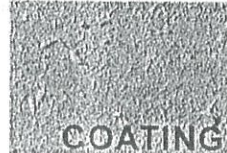


COATING

Adjust red valve to 20°-35°

Adjust blue valve to 60°-90°

@ Spray at a distance of 6 - 10 inches
from the surface to minimize overspray.



Nozzle Cleaning

Immediately after each use, clean the glue , air and spraying nozzles

In preparation for spraying Air Sprayable Seam Sealer, always check three nozzles to ensure that cured sealant is not blocking the nozzle Orifice or within the nozzle tip. Remove cured sealant blockage using a heavy gauge wire, e.g. clothes hanger. Using the wrench to detach The air nozzle than remove sealant blackage.

Some signs that cured sealant is blocking or partially blocking the nozzle are:

1. **Symptom** -- The sealant will not spray or caulk.

Solution:

- a. Wear eye protection
- b. Disconnect air supply
- c. Turn both knobs to "10°"
- d. Point tip in safe direction
- e. Squeeze trigger two or more times
- f. Insert settings back to "0" before reattaching air

2. **Symptom** -- The sprayed seam pattern is narrow and distorted.

Solution:

Remove the black outer nozzles and check for cured sealant along the inside walls of the nozzle. Remove the cured sealant using a heavy gauge wire.

Paint Window

Air Sprayable Seam Sealer provide excellent paint adhesion for up to 72 hours prior to application of automotive paint systems. Scuffing the sealant with Scuff Pad is not necessary or recommended, especially for sprayed seams or coatings. Air Sprayable Seam Sealer may be painted immediately after application (in thickness up to 1/4 inch). Most competitive sprayable products must be painted within the first few hours of application, to provide adequate paint adhesion.

Air Caulking Gun – Cartridge & Sachet

Range Type

Cartridge – 9”(310ml) , 11” (310ml & 400ml), 13” (310ml, 400ml , 500ml)

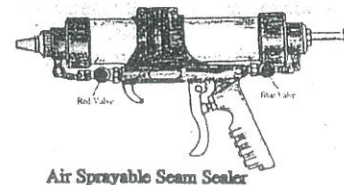
Sachet – 9”(310ml & 400ml), 11”(310ml , 400ml, 450ml) , 13”(310ml , 400ml , 450ml , 500ml , 600ml)

Unique piston rod thrust makes it impossible to obtain compressed air in sealant.

For Pneumatic cartridge applicator without piston and road. It will keep orange length. For Sachet applicator will need the piston and rod. It will push the sealant .

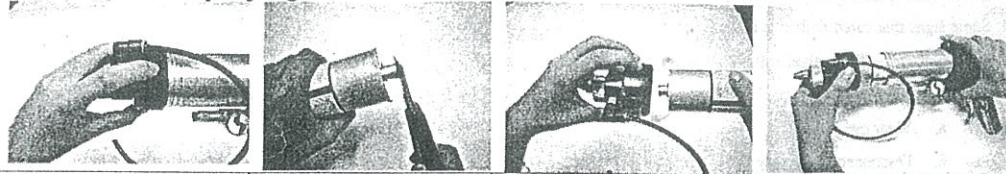
Easy to dismantle for cleaning and changing between cartridge, sachet . Instant discharge of air : sealant stops immediately.

Contoured handle and lightweight construction make for more comfortable operation.



How to use this gun for spraying or caulking:

The Steps for Spraying :



1. Remove the front cap

2. Cutting the Silicone tube head

3. Locking the silicone tube into the spray nozzle

4. Then put into the aluminum tube and screw down



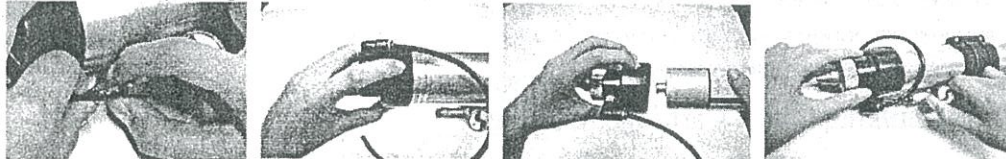
5. Insert the air hose into the quick jointer

6. Opened the front regulator about 1/3

7. Connect the Air Pressure, and try to spray on the paper

8. One way to spray, another way to screw the rear regulator until achieved your need..

How to cleaning this gun:

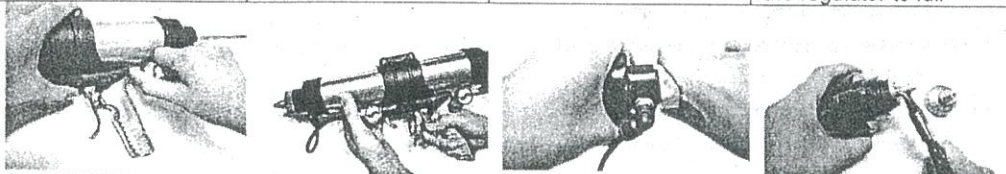


1. dismantle the front air hose (only push the red plastic back then easy to pull the hose out)

2. Opened the front cap from the Aluminum Tube.

3. Take out the silicone tube

4. Locking the spray nozzle back of aluminum tube and connect the air hose. Opened the regulator to full



5. The rear regulator to be opened full, then connect the air pressure

6. Spray out surplus silicone in spray nozzle

7. Dismantle the spray nozzle

8. Used the angle ring wrench to dismantle the air nozzle



9. used the brush to moisten cleanser to clear the glue nozzle

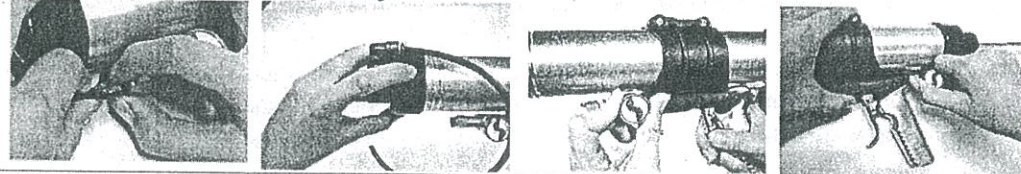
10. used the brush to moisten cleanser to clear the spray nozzle

11. used the brush to moisten cleanser to clear the air nozzle

12. used the brush to moisten cleanser to clear the front cap

According to the steps clear the spray nozzle assembly. You will get a new tool. If you cannot do that the tool will be used not easy and smooth.

The Steps for filled capacity:

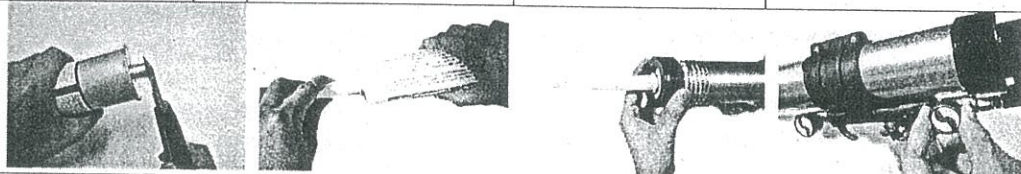


1. dismantle the front air hose (only push the red plastic back then easy to pull the hose out)

2. Remove the front cap

3. Turn off the front regulator

4. Turn off the rear regulator

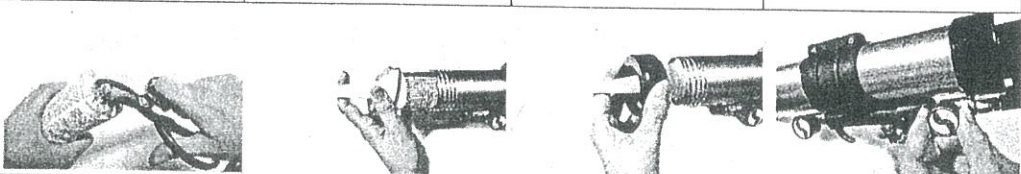


5-1. Cutting the Silicone tube head

6-1. Locking the glue nozzle and Put into the aluminum tube then the push rod will be push back

7-1. Locking the cap

8-1. Connect the Air Pressure and turn on the rear regulator slow up to use



5-2. Cutting the Silicone package head

6-2. Put the sachet nozzle on the package head then change the gasket to O-ring

7-2. Insert the package and glue nozzle into the aluminum tube. Then locking the cap

8-2. Connect the Air Pressure and turn on the rear regulator slow up to use what you need