

Helpful Usage Hints for 4 Series Tips

1. Always pull the glue gun toward you; never push the glue gun away from you.
2. If not enough glue was applied, you can go back over the carpet edge, but always pull the gun toward you.
3. Keep the glue flow constant so that the tip will not be starved for glue.
4. When sealing with two ready-for-seaming edges side by side, you can prevent excess glue from getting on the other edge (or pad) by covering the other edge with an upside down piece (4' to 5' long, suggested) of seam tape. The piece of seam tape can then be moved down the edge as needed.
5. Figure 9 shows the different feature areas of a No. 4RS Tip. When properly used, all Tips function the same as the Plenum Area fills with pressurized glue, which is then forced onto the carpet edge. The Relief area allows excess glue to vent to the backing of the carpet, rather than onto the pile. You can expect that eventually the carpet backing will wear the Step and/or Barrier areas. At that point your Tip will need to be replaced.

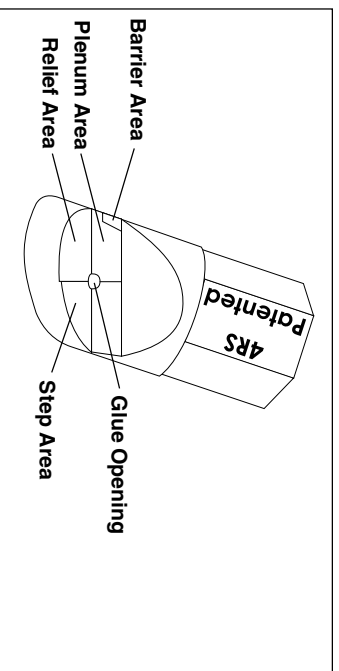
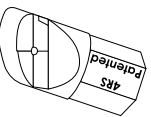


Figure 9. Identifying the areas of the No. 4RS Carpet Edge Sealing Tip.

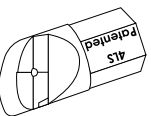
Identifying the proper tip for the job



No. 4RS

Carpet Edge Sealing Tip

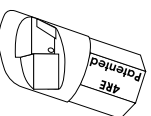
For right hand use with standard carpets.



No. 4LS

Carpet Edge Sealing Tip

For left hand use with standard carpets.



No. 4RE

Carpet Edge Sealing Tip

For right hand use with attached back carpets.

Instructions for

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4 Series Carpet Edge Sealing Tips

Nos. 4RS, 4LS and 4RE

U.S. Patent Nos. 4,484,976 and 5,250,145

The 4 Series Carpet Edge Sealing Tips can be used on almost any glue gun and with any glue compatible with use on carpet. The use of butane powered or higher wattage electric guns will permit faster sealing—even allowing for sealing while standing. Also, the use of our 440 Series Glue Sticks will speed the sealing process since these sticks melt at a lower temperature than conventional glue sticks.

To install your 4 Series Tip, your glue gun must have a $\frac{3}{8}$ "-16 external thread onto which the 4 Series Tip will be threaded. You will also need to properly orient and fix the position of the 4 Series Tip. This will usually be done with the $\frac{7}{16}$ "-20 Lock Nut supplied with the No. 3630 Adapter Valve with Lock Nut.

Most glue guns have $\frac{7}{16}$ "-20 internal threads in the heating chamber. The tips supplied with these guns either thread directly into the gun, or onto an adapter.

To connect your 4 Series Tip:

1. If your glue gun and tip look like Figure 1., then you need to purchase the No. 3630 Adapter Valve with Lock Nut shown in Figure 2.
Now go to Step 3.

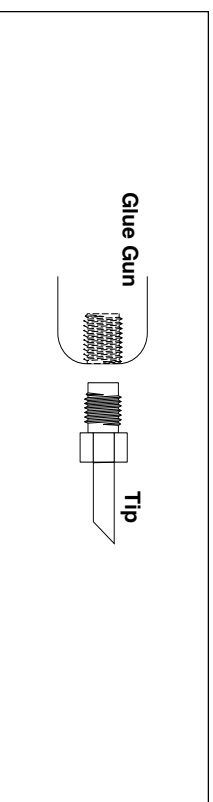


Figure 1. Glue gun ($\frac{7}{16}$ "-20 internal threads) and tip ($\frac{7}{16}$ "-20 external threads).

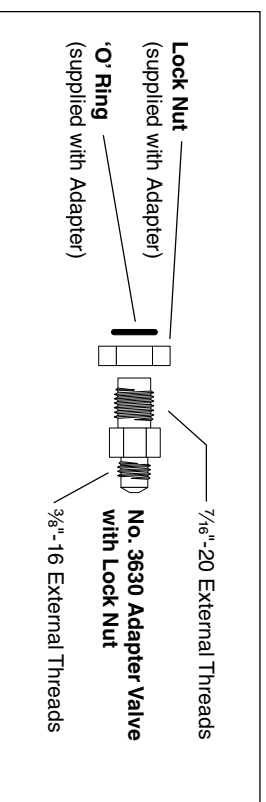


Figure 2. No. 3630 Adapter Valve with Lock Nut.



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2. If your glue gun and tip look like Figure 3, then you need to remove the existing adapter and install the lock nut supplied with the No. 3630 Adapter Valve with Lock Nut. To do this, remove the adapter from the glue gun. (If the gun has been used, you need to turn it on to soften the glue.) Then, being careful not to touch any hot area of the gun, use a wrench to remove the adapter and allow excess glue to drain from the gun. Allow the adapter to cool so it can be handled before continuing.

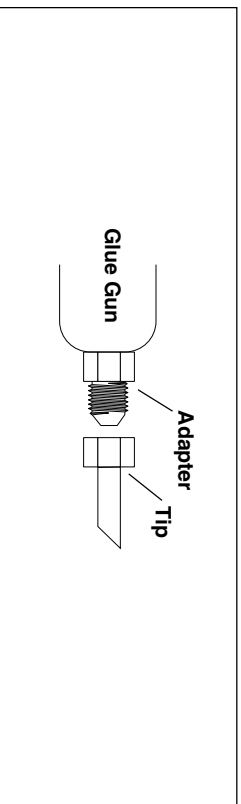


Figure 3. Glue gun ($\frac{3}{8}$ "-16 external threads) and tip ($\frac{3}{8}$ "-16 internal threads).

3. Carefully remove the 'O' ring, if present. Thread the lock nut (supplied with the 4 Series Tip) onto the adapter and hand tighten. Replace the 'O' ring on the adapter. If your adapter does not have an 'O' ring, you can apply Teflon® tape to the $\frac{7}{16}$ "-20 external threads to help prevent glue leakage.
4. Thread the 4 Series Tip onto the Adapter (No. 3630, or the adapter supplied with the glue gun) and tighten securely using two wrenches.
5. Thread the assembly (4 Series Tip/Adapter with Lock Nut and 'O' Ring) into the glue gun and hand tighten. If your gun has been previously used, you may need to turn it on to soften the glue. (If necessary, use gloves to protect yourself from the heating tip). Turn the gun off after the glue has softened.
6. Loosen the assembly up to one turn to properly orient the 4 Series Tip as shown in the appropriate figure (4, 5 or 6) below. Then, tighten the Lock Nut using two wrenches to hold the orientation position. Do not tighten excessively to avoid damage to the 'O' ring.

Proper Final Assembly for 4 Series Tips



Figure 4. No. 4RS Tip.



Figure 5. No. 4LS Tip.



Figure 6. No. 4RE Tip.

To use your 4 Series Tip:

1. Before proceeding, your 4 Series Tip must be properly assembled on your glue gun as per the *To connect your 4 Series Tip* section in these instructions.
2. Turn on (or ignite) your glue gun as per the instructions for the gun. Insert a glue stick into the gun and allow the gun to warm up.
3. Just as with first learning to apply latex type sealers, it is important to take time to practice this new technique for sealing carpet edges before attempting an actual installation. By observing the following instructions, you will be able to learn to seal edges from the standing position.
4. Your 4 Series Tip is used by hooking it beneath, with slight and constant pressure against, the edge of the carpet as shown in Figure 7. To seal the edge, squeeze the trigger and pull the gun toward you at a constant speed as shown in Figure 8.

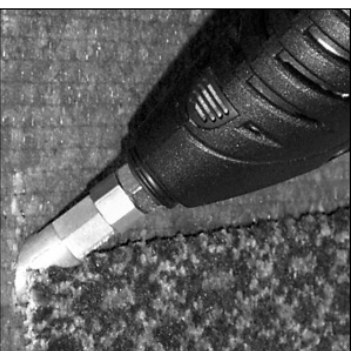


Figure 7. Right-hand orientation with the No. 4RS or No. 4RE Tip. (Left-hand orientation would be reversed with the No. 4LS Tip.)

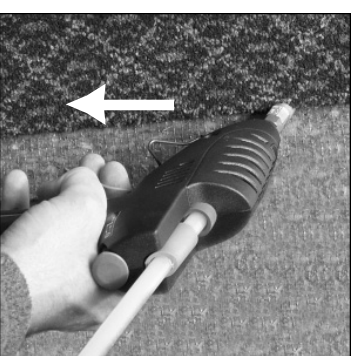


Figure 8. Sealing the carpet edge with a No. 4RS or No. 4RE Tip. (Left-hand orientation would be reversed with the No. 4LS Tip.)

To determine the proper constant speed, it is important to understand the following:

- A. The 4 Series Tips are designed to apply glue at the cut edge of carpet to seal and prevent pile fallout.
- B. The unique design of the 4 Series Tips assures excess glue is directed to the underside of the carpet backing, and not into the pile.
- C. How to Determine Proper Sealing Speed

If Speed Is:	Result Will Be:	Action:
Too slow	Excess glue on the underside of the carpet backing.	Increase sealing speed to save glue cost.
Too fast	Insufficient glue on some (or all) of the carpet edge.	Decrease sealing speed to cover edge completely.

When this method is properly mastered, you will be able to quickly and completely seal carpet edges from a standing position without looking directly at the cut edge.