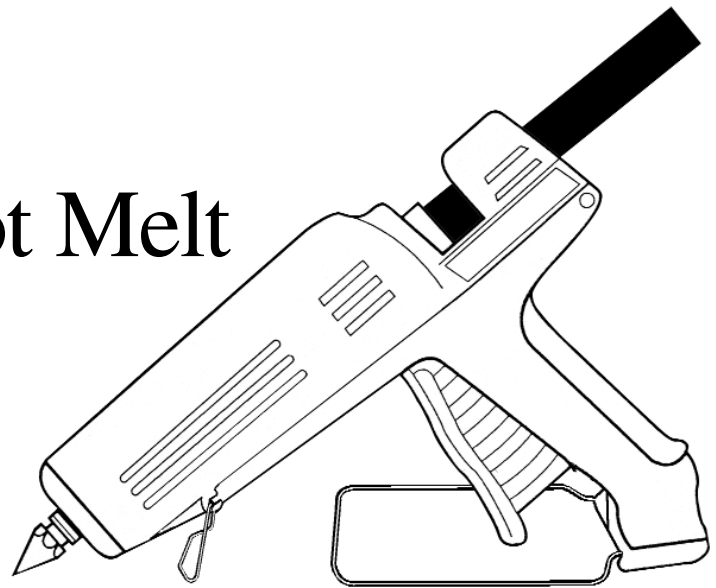




# Scotch-Weld™ Hot Melt Applicator AE II



## Important Safety Instructions

### Intended Use

The 3M Scotch-Weld Hot Melt Applicator AE II is designed for use with 3M™ Scotch-Weld™ Hot Melt AE Adhesive Sticks in an industrial environment. Using the applicator with any other adhesive or for any purpose other than for which it is intended is not recommended and could cause unsafe conditions.

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

### Scotch-Weld Hot Melt Applicator AE II operation and maintenance.

### WARNING

To reduce the risk of **electrical shock or injury** while operating or servicing the Scotch-Weld Hot Melt Applicator AE II, observe the following safety rules:

1. Operate the applicator only as described in this manual.
2. Use only 3-pronged grounded plug and properly grounded outlet. Failure to use properly grounded plug and outlet **may cause electrical shock**. If you are not sure of proper connections, get help from a qualified electrician or service person.
3. Do not unplug the applicator by pulling on the cord. Grasp the plug, not the cord, to unplug.
4. Do not handle the plug or applicator with wet hands.
5. Do not use the applicator outdoors or on wet surfaces.
6. Do not use the applicator with a damaged cord or plug.
7. Do not use the applicator if it is not working properly or has been dropped, damaged, submerged in water or left outdoors.
8. Do not use an unapproved extension cord with the applicator. Use of an unapproved extension cord **may cause electrical shock**. Use an extension cord that complies with NEC requirements and state and local codes and other requirements.
9. Do not attempt to service this applicator. It is not designed for servicing and attempting to do so may cause electrical shock.

### Caution

1. Do not touch hot adhesive, applicator tip or metal components. **May cause burns**. Wear heat resistant gloves and safety glasses.
2. Do not pull adhesive cartridge from the rear of the applicator while in operation. Removing adhesive from the rear may cause molten adhesive to flow out the rear of the applicator which **may cause burns and damage the applicator**.



Indicates  
high voltage



Indicates  
hot surface

**Use only 3M Scotch-Weld Hot Melt AE Adhesive Sticks.**

**Note:** For health and safety information, see product label and Material Safety Data Sheet for 3M Scotch-Weld Hot Melt adhesives before using.

## Set up and Installation Procedures

Remove 3M Scotch-Weld Hot Melt Applicator AE II and bench stand from shipper and inspect for obvious damage.

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

- **Save these instructions**
- **Read all instructions before using this product**

### 1. Attach one or both of the supplied bench stands.

The small stand snaps into the two holes located on the front of the applicator housing.

The large wire platform stand slides into the base.

**ALWAYS USE A BENCH STAND WITH YOUR APPLICATOR.**

## 2. Connect electrical service

Select work station where 110V AC grounded receptacle is available.

## 3. Start up

Plug applicator into electrical service. Insert a 3M™ Scotch-Weld™ Hot Melt AE Adhesive Stick into the round opening at rear of applicator.

Adhesive stick must be inserted far enough for the feed mechanism to be engaged. Allow the applicator to warm up (3-5 minutes). **(During the warm up period, you may note a slight dripping from the nozzle tip. This dripping is due to pressure which can build up during warm up.)** Applicator is now ready for use.

## 4. Application

Become familiar with your new 3M™ Scotch-Weld™ Hot Melt Applicator AE II by actuating the trigger. Start by applying small amounts of adhesive in puddles and beads on cardboard. Once you feel comfortable with the applicator, begin your application by applying the necessary amount of adhesive to sufficiently bond the substrates together. The bond will form in seconds and be ready for handling in minutes.

## 5. Shut down

To shut down the applicator, unplug and set aside. Always use the bench stand when applicator is not in use.

**Note: IF 3M SCOTCH-WELD HOT MELT APPLICATOR AE II HAS NOT BEEN USED FOR ONE HOUR OR MORE PRIOR TO SHUT DOWN, TURN OFF ELECTRICITY AND DISPENSE ADHESIVE FOR TEN SECONDS OR LONGER.**

### Preventive Maintenance

- Always use bench stand when 3M Scotch-Weld Hot Melt Applicator AE II applicator is not in use. **DO NOT LAY APPLICATOR ON ITS SIDE.** This impedes the cooling process and may cause plugging problems.

- Inspect and clean tip on a daily basis to ensure trouble-free operation. USE OF 3M™ SCOTCH-BRITE™ PAD MAY HELP TO CLEAN TIP.
- Open adhesive carton only when necessary. Keep sticks clean and free from airborne contaminants.

**Note:** It may be necessary to physically remove adhesive deposits on the feed mechanism if adhesive build-up occurs. Do this only when the applicator is unplugged and at room temperature.

### Trouble Shooting

#### *No heat-*

Probable cause	Solution
1. Applicator not plugged in.	Plug applicator in.
2. Damaged electrical cord.	Replace applicator.
3. Electrical service is out.	Have qualified person check circuit.

**Limited Product Warranty:** 3M warrants for 6 months from the date of manufacture, that the 3M product will be free of defects in material and manufacture. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty does not cover damage resulting from the use or inability to use the 3M product due to misuse, workmanship in application, or application or storage not in accordance with 3M recommended procedures. **Important Notice:** User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of these materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application. **Limitation of Remedies and Liability:** If the 3M product is proved to be defective within the warranty period stated above, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

