



Polygun™ AE II Applicator

for Jet-melt™ Adhesives

NEW high volume, high productivity industrial tool at a great value

Delivers up to 4 lbs./hr. of Jet-melt adhesive for high volume production.



On Light Indicator

Compact and light weighs only 20 ounces.

Rugged, high impact resin construction withstands daily industrial use.

Contoured grip and wide trigger engineered for operator comfort and precise control.

8' UL listed cord extends operator reach.

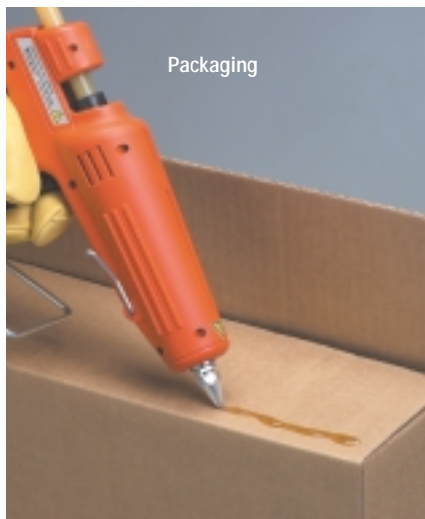
Built-in stand helps keep applicator upright, stable, and ready to grip.

Anti-tip guard swings up and out of the way during application.

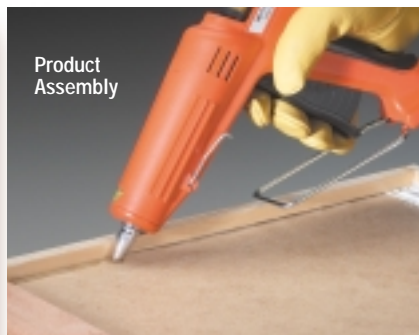
Plugs into any 110V outlet for convenient portability.

Positive check valve nozzle helps minimize dripping.

Versatile with choice of five Jet-melt Adhesive formulations.



Packaging



Product Assembly

For great value the new 3M™ Polygun™ AE II Applicator combines the best features of a high volume industrial system into a compact, self-contained applicator.

To keep up with demanding packaging and assembly lines, warm-up is only 3 minutes and adhesive flows up to 4 lbs. per hour. Industrial-grade 250-Watt PTC (Positive Temperature Coefficient) system ensures a consistent 400°F (204°C) for application.

For strong, attractive package closures, use this efficient tool with 3M™ Jet-melt™ Adhesive 3762 AE for short-run manual case sealing, rework areas, and multistation operations. In furniture and fixture assembly, 3M Jet-melt Adhesive 3747 AE quickly bonds soft and hard woods, and particle board. The choice of 3M Jet-melt Adhesive sticks also gives you options for bonding many other materials such as metal, glass, fabric, and many plastics.

3M™ Jet-melt™ AE Adhesives

Product Number and Color	FDA Listed ¹ Components	Size	Flash Point (°F/°C)	Viscosity CPS ² @ 375°F	Ball & Ring Soft Point ³ (°F/°C)	Heat Resistance (°F/°C)	Peel Strength PIW ⁴ 72°F (22°C)	Shear Strength PSI ⁵ 72°F (22°C)	Relative Open Time (sec.) ⁶	Specific Gravity
3738 Tan	Y	1/2" x 12" AE	550/288	2875	186/86	130/54	13	375	30-50	.95
3747 Tan	Y	1/2" x 12" AE	509/265	4100	220/104	145/63	20	430	30-45	.97
3762 Tan	Y	1/2" x 12" AE	500/260	1870	201/94	130/54	7	545	15-30	.95
3764 Clear	Y	1/2" x 12" AE	514/267	6000	190/88	140/60	14	390	30-50	.95
3792 Clear	Y	1/2" x 12" AE	450/232	5000	179/81	140/60	13	250	30-50	.97

¹ Made from components of which the adhesive dry ingredients are listed as indirect food contact additives under 21 C.F.R. 175.105 of FDA regulations when used in food packaging with minimal opportunity for exposure.

² Brookfield Thermosel Viscometer in centipoise.

³ ASTM E-28-6-7

⁴ On canvas

⁵ On Douglas Fir

⁶ 1/8" semicircular bead, Douglas Fir to Douglas Fir.

Products	Markets	Features/Application Ideas
3738	Furniture and woodworking	High delivery rate and long bonding range. general purpose for foundry sand cores, wood bonding, corrugated, selected plastics and chipboard.
3747	Furniture and woodworking	Medium bonding range time with good heat resistance. General purpose for wood bonding, eg. drawer bottom reinforcing, corner block attachment, mdf to itself for counter top sub assembly.
3762	Manual packaging, contract packaging, P.O.P.	Excellent "hot tack", fast setting. Bonds to a variety of corrugated packaging and beadboard. Economical, general purpose. Can bond chipboard and wood.
3764	Plastics, furniture, and woodworking	Bonds to a variety of plastics including polycarbonate, polyethylene and polypropylene. Flexible at low temperatures.
3792	Plastics, P.O.P.	Clear, multi-purpose product for wood, coated paper, and plastics. P.O.P. displays.

Note: The above technical information and data should be considered representative or typical only and should not be used for specification purposes.

For details call 1-800-362-3550, or contact your local 3M authorized distributor.

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.



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Minimum 10% Post-Consumable Fiber

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