

3M Aerosol Adhesives

At the touch of a finger – bonding power for substrates from paper to metal.

3M aerosol adhesives go to the job and are always ready when needed. Only a finger's touch puts a job-matched formulation to work on paper, plastic, cardboard, foam, metal, and more.

3M introduced the first industrial-grade aerosol adhesive over 35 years ago, and now you can select from a wide range of performance and application characteristics for production and maintenance jobs. Most 3M aerosol adhesives also have a controlled spray pattern to help minimize overspray, clean-up, and unused adhesive.

3M aerosol adhesives contain no methylene chloride, chlorofluorocarbons (CFCs), or 1,1,1-trichloroethane (methyl chloroform).



Handy, self-contained applicators – No matter what adhesive you need, you save the expense of complex application systems. The compact size helps reduce storage space and cost.



Headliner attachment – 3M™ Headliner Spray Adhesive is specially formulated for fast tack and high heat resistance. Fast tack holds the headliner in place for easy assembly. The bond holds under the heat of the summer sun on the roof.



Trade show booth – Expanded polystyrene panels used for decorative facings are easily bonded to plywood panels with 3M™ Insulation 78 Spray Adhesive. After assembly, the panels are textured and painted to resemble stone.



Assembly of many lightweight materials – With fast tack, long bonding range, and little or no soak-in, 3M™ Super 77™ Spray Adhesive is a versatile tool for bonding fabrics, plastics, foams, paper, cardboard, and metals.



Low misting – Lace spray pattern of 3M 72, 74, 76, 80 and 90 Spray Adhesives target adhesive where you want it for clean, precise application.



General upholstery foam bonding – 3M™ FoamFast 74 Spray Adhesive quickly bonds flexible urethane or latex foams to themselves and many other lightweight materials. Bond reaches foam-tearing strength with a soft, non-dimpling bond line.



Edge banding – 3M™ Hi-Strength 90 Spray Adhesive typically bonds in 60 seconds compared to 15-20 minutes for many typical bulk contact adhesives. Strength increases to an ultimate 230 psi in shear and 25 piw in peel.

Product Information: 3M Aerosol Adhesives

| Product | Features | Spray Width | Bonding Range Surfaces One/Both | Shear ⁽¹⁾ (PSI) Initial/Ultimate | Relative Adhesion | | Coverage Sq. Ft./ Container ⁽⁵⁾ (Typical) |
|----------------------------------|--|------------------|---------------------------------|---|------------------------------------|---------------------------------------|--|
| | | | | | Peel Strength (PIW) ⁽²⁾ | Temperature Resistance ⁽³⁾ | |
| Blue 72 Spray Adhesive | Repositionable with aggressive tack for bonding polyethylene film and foam; also carpet bonding. Blue color. | 1" - 3" variable | 8 hr./7 days | 20/85 | 8 | 120°F (49°C) | 100 |
| FoamFast 74 Spray Adhesive | Fast tack with foam-tearing strength and soft, non-dimpling glue line. General upholstery foam bonding. Plus knife edge bonding, boxing, edge turning. | 1" - 3" variable | N/R / 15 min. | 40/205 | 20 | 120°F (49°C) | 260 |
| Repositionable 75 Spray Adhesive | Clear "tape-like" adhesive holds badges during stitching and patterns prior to cutting. No bleed, stain or wrinkle. | 1½" | 1 hr./3 hrs. | 15/65 | 5 | 120°F (49°C) | 100* |
| Hi-Tack 76 Spray Adhesive | Multi-purpose with high temperature resistance and strong one-surface bonds. | 1" - 3" variable | 10 min./1 hr. | 25/100 | 25 | 160°F (71°C) | 100 |
| Super 77™ Spray Adhesive | Fast, aggressive tack for bonding many lightweight materials. Choice of round or fan pattern nozzle. | 1½" - 4" fan | 15 min./30 min. | 25/160 | 15 | 110°F (43°C) | 220 |
| Insulation 78 Spray Adhesive | Bonds most insulation including expanded polystyrene and extruded polystyrene. Fast-drying formula will not attack foam board. | 1" - 3" variable | 5 min./15 min. | 7/67 | 15-20 | 140°F (60°C) | 100 |
| Contact 80 Neoprene Adhesive | Neoprene-based contact adhesive with plasticizer resistance. Can bond supported vinyl, leather, most rubber. Adheres to most plastics, laminate and wood. Resists over 200°F (93°C). | 3" | N/R / 1 hr. | 50/400 | 35 | 200°F (93°C) | 75/30 ⁽⁴⁾ |
| Hi-Strength 90 Spray Adhesive | High contact bond strength for decorative laminate. Adheres polyethylene and polypropylene to wood, metal, and more. One minute dry time. | 1" - 3" variable | N/R / 15 min. | 45/230 | 25 | 160°F (71°C) | 100 |
| Headliner Spray Adhesive | Specially designed to permanently bond new or damaged automotive headliners. Fast-drying formula does not dissolve polyurethane foam; will not discolor most headliner fabrics. | 1" - 3" variable | N/R/ 1-15 min. | 14/72 | 10 | 170°F (77°C) | 50 |

(1) AdhD T.M. C-700; 1/8" birch veneer bonded to 1/8" birch veneer.

(2) AdhD T.M. C-449.

(3) AdhD T.M. C-483; 500 g load for 1 hr. at noted temp.

(4) Plastic laminate bonding @ 3-5 g/sq. ft. coverage

(5) Coverage based on container sizes 24 ounce or *16 ounce size cans.

N/R = Not Recommended

Product Information: 3M™ Hi-Strength 90 and Super 77™ Adhesives in Bulk



3M's most popular aerosol adhesives are now available in bulk form. The following characteristics of interest to higher volume users supplement the chart above.

| | Product | Features | % Solids | VOCs (g/liter) |
|----------------|----------------------------------|--|----------|----------------|
| Bulk Adhesives | Super 77™ Bulk Adhesive | <ul style="list-style-type: none"> High coverage Low soak-in for long lasting bonds Meets performance requirements of MMM-A-1058A | 36–38% | 495 |
| | Hi-Strength 90 Bulk Adhesive | <ul style="list-style-type: none"> High temperature resistance | 22–24% | 507 |
| Cylinder | Hi-Strength 90 Adhesive Cylinder | <ul style="list-style-type: none"> Convenient No methylene chlorides or CFCs Temperature resistance up to 160°F (71°C) | 13% | 571 |

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