

Multipurpose Adhesives — Solvent and Water Based












Insulation, Light Fabrics, Cardboard and Other Light Duty Bonding

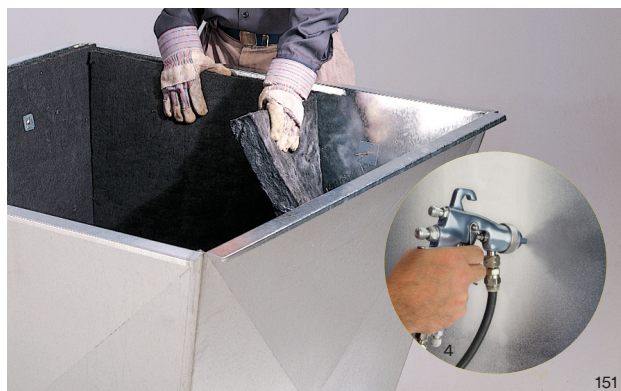
Those working with HVAC, General Industrial, Signage, Exhibit/P.O.P. and packaging can effectively bond insulation, light fabrics, cardboard and paper with these versatile adhesives.

- Insulation attachment (polystyrene*, fiber glass, foam, etc.)
- General assembly
- Temporary holding (third hand)
- P.O.P. displays
- Carton sealing, palletizing and label attachment

*Not all products are compatible with polystyrene

MULTI-PURPOSE — Solvent Based Adhesives			
Key Product	Product	Requirement	Size Availability
	70	FAST TACKING	 
	77	Low soak in, mist spray	  
	74NF	Non-flammable	

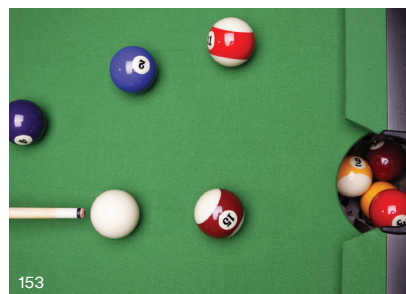
MULTI-PURPOSE — Water Based Adhesives			
Key Product	Product	Requirement	Size Availability
	1000NF	ONE-SIDED BONDING	
	49	Long open time, long tack time	
	100NF	Immediate bonding	



3M multipurpose adhesives are commonly used for installation of shoddy material, venting insulation and other foams and fabrics. Our product line offers the most versatility for adhesive delivery. 3M™ Super 77™ Multipurpose Spray Adhesive, for example, can be sprayed from bulk containers, cylinders or aerosol cans.



When thinking insulation, don't stop at heating and ventilation. In this application, our adhesives can be used for installation of foam for acoustical soundproofing.



The variety of applications for these multi-purpose adhesives is nearly endless. From adhering pool table felt, to building architectural models, and even bonding protective materials like dense foams into electronics, musical instrument or sensitive equipment cases. 3M has a spray adhesive solution to fit customers' needs.

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

Foam and Fabric Adhesives — Solvent and Water Based



Upholstery and Furniture

Users in the furniture manufacturing, upholstery, or transportation industry can rely on these adhesives to permanently bond open cell foam, closed cell foam and fabrics in a variety applications.

- Upholstered furniture and seating
- Headliners
- Office partitions
- General foam bonding

FOAM & FABRIC — Solvent Based Adhesives			
	Product	Requirement	Size Availability
Key Product	100NF	SOFT BOND LINES	
	74NF	Non-flammable	
	77	Low soak in, mist spray	
FOAM & FABRIC — Water Based Adhesives			
	Product	Requirement	Size Availability
Key Product	100NF	HIGH COVERAGE	
	100NF + Activator	Faster initial strength	
	1000NF	One surface bonding, higher heat resistance	

Aerosol
 Cylinder
 Bulk



Foam and fabric applications can be very challenging. From soft bond lines to tight radiuses, our lineup can meet the demand. The 3M portfolio of water and solvent based adhesives truly give the customer “flexibility.”



Aerosol adhesives provide either web or mist spray patterns with higher solid content than our competitors. This combination allows 3M adhesives to sit on the surface versus soaking in. More adhesive on the surface results in less adhesive usage and a better bond for the customer.



These solvent and water based adhesives are often used as a “third hand” to hold lightweight materials in place until they can be sewn or held in place by other assembly methods.

Solvent and Water Based Adhesives



Product	Available Format	Solids Weight Percent (Approx.)	Key Characteristics
MULTI-PURPOSE			
Multi-Purpose 27	Aerosol	21%	Fast tack. Lightweight applications. Mist spray pattern.
General Purpose 60 CA	5 gal, 54 gal	43%	High solids for increased coverage. High tack general purpose adhesive.
	Large, Int and Jumbo Cylinder	42%	
HoldFast 70	5 gal, 52 gal	26%	Extremely versatile and very fast tacking. Unique wide web spray pattern with heavy body and low soak-in. Bonds polystyrene without degrading surface.
	Large, Int and Jumbo Cylinder	21%	
Super 77™	Aerosol	25%	Low soak-in for long lasting bond. High coverage and aggressive tack. Bonds quickly in 15 seconds.
	5 gal, 52 gal	36%	
	Large Cylinder	27%	
Super 77™ CA Multi-Purpose (Low VOC)	Aerosol	19%	Aggressive tack. Quick bonding. Long bonding range.
Fastbond™ Insulation Adhesive 49	5 gal box, 5 gal, 52 gal, 100 gal, 255 gal	55%	Fast tacking, high performance, pressure sensitive adhesive for lightweight materials. Low VOC and GREENGUARD Certified. UL MAGW2 component recognition.
HEAVY DUTY			
Neoprene Contact 5	5 gal, 53 gal	19%	High performance contact adhesive. Sprayable. Fast drying.
Neoprene Contact 10	1 qt, 1 gal, 5 gal, 54 gal	23%	Brushable and rollable with higher coverage. Meets requirements of MMM-A-121, MMM-A-130B and A-A-1936A.
Heavy Duty 20	Aerosol	17%	Fast grab. Variable width spray pattern. Forms strong bonds to a variety of substrates.
Hi-Strength 90	5 gal, 52 gal	23%	High strength. High temperature resistance.
	Large, Int and Jumbo Cylinder	13%	
	Aerosol	13%	
Hi-Strength 90 CA (Low VOC)	Aerosol	23%	High strength.
Hi-Strength 92	5 gal, 54 gal	34%	High strength. High temperature resistance. Versatile, high-tack adhesive.
	Large, Int and Jumbo Cylinder	23%	
Hi-Strength 94 ET (Low VOC)	5 gal, 54 gal	25%	Bonds many laminates, woods, and particle board. Long open time, low VOC. SCAQMD Rule 1168 compliance; helps contribute to LEED® Credits.
	Large, Int and Jumbo Cylinder	25%	
	Aerosol	21%	
Hi-Strength Postforming 94 CA (Low VOC)	5 gal, 54 gal	34%	High solids for increased coverage. Unique non-telegraphing spray pattern with postformable strength. Low VOC, SCAQMD 1168 and LEED® Compliant.
	Large, Int and Jumbo Cylinder	28%	
Hi-Strength 98NF	5 gal, 54 gal	24%	Non-flammable, fast tack adhesive. High temperature resistance. Versatile, high-tack adhesive.
	Mini, Large, Int and Jumbo Cylinder	21%	
Fastbond™ Contact Adhesive 30NF	1 qt, 1 gal, 5 gal, 52 gal, 270 gal	49%	Non-flammable water-based contact adhesive. Extremely high strength, high temperature resistant. Meets MIL-A-24179A, Type I, GREENGUARD Certified, SCAQMD 1168, LEED® Compliant.
Fastbond™ Contact Adhesive 30H	52 gal, 270 gal	48%	Long bonding range with high immediate bond strength. Economical high coverage. Low mist version of 30NF.
Fastbond™ 2000NF	5 gal, 50 gal, 270 gal	49%	Water dispersed, activated adhesive. Immediate bonding and handling strength without forced drying. GREENGUARD Certified.
FOAM & FABRIC			
Foam & Fabric 24	Aerosol	17%	Aggressive tack. Foam-tearing strength. Variable width lace spray pattern.
Foam Fast 74	Aerosol	22%	Extremely fast tack. Soft non-dimpling glue line. Immediate foam tearing strength.
	52 gal	36%	
	Large, Int and Jumbo Cylinder	22%	
Foam Fast 74 CA (Low VOC)	Aerosol	23%	Extremely fast tack. Soft non-dimpling glue line. Immediate foam tearing strength.
Foam Fast 74NF	Mini, Large, Int and Jumbo Cylinder	24%	Non-flammable. Fast tack with foam tearing strength. Soft non-dimpling bond line.
Fastbond™ Foam Adhesive 100NF	1 gal, 5 gal, 52 gal, 100 gal, 255 gal	47%	One-part, fast setting — foam and fabric adhesive. GREENGUARD Certified. Can be activated for immediate bonding.

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