

3M[™] Spray Adhesives

Performance. Productivity. Efficiency.

Streamline your assembly operation with convenient, efficient 3M™ Spray Adhesives.

Solutions that start with you.

Choosing the right 3M™ Spray Adhesives starts with you: your processes, your objectives, your bonding challenges. Then the 3M team of adhesive experts go to work to find the best products to help maximize your product performance, increase your efficiency, streamline your assembly productivity and meet your sustainability goals.

Performance: Find the right adhesive.

Choosing the right adhesive for your assembly begins with asking the right questions:

- What kinds of materials are you bonding?
- How large are the materials?
- What specific adhesive attributes are you looking for?
- Do you need time to reposition after adhesion?
- What issues are you having, if any, with your current products?
- What are the environmental, health and safety factors?

Productivity: Find the right delivery system.

How you apply adhesive to your assembly components is often as important as the adhesive itself. 3M will work with you to find the delivery system that optimizes efficiency and works best for your assembly processes. 3M spray adhesives are available in three delivery systems: aerosol, cylinder and bulk.

Aerosol



- Ultimate convenience for smaller jobs or multiple stations
- No equipment, no mess, no setup
- Easy to use; complements bulk or cylinder systems
- Ideal for field work

Cylinder



- Self-contained, pressurized, portable
- Minimal equipment investment
- Low maintenance
- Optimized spray patterns cut waste and maximize coverage
- Ideal for larger surface areas and >20 pieces/day

Bulk



- · Easily integrated into existing equipment
- Highly cost efficient generally the lowest cost per square foot
- Requires trained and experienced operators to maximize value
- Ideal for large surface areas and large industrial manufacturers

Sustainability: Find the products that achieve your goals.

Maximizing sustainability doesn't have to mean giving up performance. For more than 40 years 3M engineers have been developing water-based, low VOC and GREENGUARD™ certified adhesives for some of the most demanding applications in the world. So if you're ready to "go greener," we're ready to take you there.



Industrial grade. Trusted by professionals.

3M's portfolio of industrial-grade, solvent- and water-based spray adhesives is designed to make assembly fast, convenient and efficient. Start with 3M™ Super 77™ Multipurpose Spray Adhesive and adjust according to your specific bonding needs.





MULTIPURPOSE







Choose Adhesive Delivery System Choose Substrate				
Substrate	Aerosol	Cylinder	Solvent-Based Bulk	Water-Based Bulk
Paper, Cardboard	27,77	77	77	49
Drainboard, Waterproof Membrane	90	70,1049	N/A	N/A
Fabric, Felt, Fiberglass Insulation, Cork	20, 27, 77	70, 1049, 77	77	49
Flexible Foam: Urethane, Latex	24,74	74	74	100NF
Rigid Foam: Polystyrene, EPX, XPS*	78	70, 1049	70, 78HT	30NF
High Pressure Laminates, Melamine	20, 90	94CA	94CA	30NF
Wood, MDF, Particle Board	20,90	94CA	94CA	30NF
Metal: Steel, Aluminum	20, 90	90, 94CA	90, 94CA	30NF
Plastics: ABS, PVC, Phenolic, Acrylic	20, 90	90, 94CA	90, 94CA, 4491	30NF
FRP: Fiberglass Reinforced Plastic	20, 90	70, 1049, 90, 94CA	90, 94CA	30NF
Painted Surfaces	20, 90	90, 94CA	90, 94CA	30NF
Rubbers: Nitrile, Neoprene, SBR	20, 80, 90	70, 1049, 90, 94CA	90, 94CA, 4491	N/A
Plasticized Vinyl	80	N/A	4491	N/A
Geotextiles	N/A	70, 1049	N/A	N/A

^{*} Extruded Polystyrene

Substrates are ranked from lightweight, heavy duty to specialty substrates.

Product	Heat Resistance	Shear Strength	Solids* %	Non- Flammable	Postforming	Class A Rating: ASTM E-84	Plasticizer Resistant	GREENGLARD Terminal Control of C	Low VOC	Helps Contribute to LEED® Credits	California Compliant	Spray Pattern	Color
20	210°F	≤ 200	19							✓		Variable Lace	Clear
20CA	180°F	≤ 200	23						✓	✓	Aerosol Only	Variable Lace	Clear
24	220°F	≤ 200	18							~		Variable Lace	Orange
27	170°F	≤ 300	21							✓		Mist	Clear
30NF			49	✓	~			✓	✓	✓	✓	Pebble	Green, Neutral
49	250°F	50	55	✓		✓		✓	✓		~	Pebble	Clear
60CA			43			✓			✓		✓	Variable Lace or Pebble	Clear
70			21			✓						Heavy Body Lace	Clear
71	222°F	≤ 300	19								Aerosol Only	Mist	Clear
72	175°F	≤ 200	16							~		Variable Lace	Blue
74	175°F	≤ 200	22/36							Aerosol Only		Variable Lace	Clear, Orange
74CA	195°F	≤ 200	23					✓	~	Aerosol Only	Aerosol Only	Variable Lace	Clear, Orange
76	225°F	≤ 200	14							Aerosol Only		Variable Lace	Clear
77	150°F	≤ 200	25/27/36			✓				Aerosol Only		Mist	Clear
77 Classic	150°F	≤ 200	25							Aerosol Only		Mist	Clear
77CA	190°F	≤ 200	19					✓	✓	Aerosol Only	Aerosol Only	Mist	Clear
78	165°F	≤ 200	21							Aerosol Only	Aerosol Only	Variable Lace	Clear
78ET			17			✓						Variable Lace	Clear, Green
78HT			15/27			✓						Variable Lace	Clear, Green
80	280°F	≤ 300	15				~					Variable Lace	Yellow
90	210°F	≤ 300	13/23							Aerosol Only		Variable Lace	Clear
90CA	195°F	≤ 200	24					✓	~	Aerosol Only	Aerosol Only	Variable Lace	Clear
92			23/34		~							Variable Lace	Clear, Red
94CA			28/34		✓	✓		Cylinder Only	~		~	Pebble	Clear, Red
94ET	190°F	≤ 200	21/25		✓			✓	✓	✓	~	Pebble	Clear, Red
100NF			46	✓				✓	~	~	~	Pebble	Lavender, Neutral
1000NF	400°F	≤ 400	50	✓		✓		✓	~	~	~	Pebble	Purple, Neutral
1049	TBD	TBD	55	✓			✓		~		~	Mist	Clear
1357			25			✓						Lace	Gray-Green, Light Yellow
2000NF			49	✓				✓	~	✓	~	Pebble	Blue, Light Orange, Neutral
4491			24				/					Lace	Light Tan

 $^{{}^{\}star}\mathsf{Solid}$ weight percent can vary by format.

Heavy Duty

20

3M[™] Heavy Duty 20 Spray Adhesive

- Economical, fast-grabbing, industrial-grade adhesive
- Variable-width spray pattern
- Forms powerful, permanent bonds to concrete, wood, MDF, laminates and polyethylene

Clear	
Aerosol	
00 51111 07861 7	

20CA

3M™ Heavy Duty 20CA Spray Adhesive

- · Economical, fast-grabbing adhesive
- Meets CARB/OTC VOC requirements
- Bonds to concrete, wood, MDF and laminates

Clear	
Aerosol	
00 76308 14271 1	

30NF



3M™ Fastbond™ Contact Adhesive 30NF

- Water-dispersed, high strength contact adhesive
- . Long bonding range with high immediate bond strength
- Bonds most foamed plastics, plastic laminate, wood, plywood, wood veneer, canvas and more

Green		Neutral		
Bulk		Bulk		
1 Gallon Pail	00 21200 21186 7	1 Gallon Pail	00 21200 21181 2	
5 Gallon Pail	00 21200 21187 4	5 Gallon Pail	00 21200 21182 9	
Open Head Steel Drum	00 21200 21188 1	Open Head Steel Drum	00 21200 21183 6	
270 Gallon Poly Tote	00 21200 31344 8			

90

3M[™] Hi-Strength 90 Spray Adhesive

- High strength and fast-tack adhesive performance
- Bonds to concrete, wood, MDF, laminates and polyethylene
- High temperature and moisture resistance

Clear		Inverted
Aerosol		Aerosol
12.23 oz.	00 76308 86235 0	00 51111 07278 3
17.6 oz.	00 21200 30023 3	
Cylinder		
Large	00 21200 41554 8	
Intermediate	00 51115 25774 2	
Jumbo	00 51115 25775 9	
Bulk		
5 Gallon Pail	00 21200 43797 7	
Open Head Steel Drum	00 21200 43814 1	

90CA





3M[™] Hi-Strength 90CA Spray Adhesive Low VOC <25%

- High strength and fast-tack adhesive performance
- Bonds to concrete, wood, MDF, laminates and polyethylene
- Meets CARB/OTC VOC requirements and helps contribute to LEED® credits

Clear	
Aerosol	
00 51111 97957 0	

92

3M™ Hi-Strength Laminating 92 Adhesive

- High performance laminating adhesive for large surfaces
- High solids and high coverage
- Lace spray pattern and fast-tack adhesive performance

Clear		Red	
Cylinder		Cylinder	
Large	00 48011 61697 1	Large	00 48011 61700 8
Intermediate	00 48011 61698 8	Intermediate	00 48011 61701 5
Jumbo	00 48011 61699 5		
Bulk			
5 Gallon Pail	00 51115 31591 6		
Closed Head Steel Drum	00 51115 31592 3		

94CA



3M™ Hi-Strength Postforming 94CA Spray Adhesive

- Unique, non-telegraphing spray pattern delivers postformable strength
- High solids maximize coverage
- Low VOC, SCAQMD Rule 1168 compliance

Clear		Red		
Cylinder		Cylinder		
Large	00 48011 61703 9	Large	00 4801 61663 6	
Intermediate	00 48011 61704 6	Intermediate	00 48011 61664 3	
Bulk		Bulk		
5 Gallon Pail	00 51115 25016 3	5 Gallon Pail	00 48011 61666 7	
Closed Head Steel Drum	00 51115 25017 0	Closed Head Steel Drum	00 48011 61667 4	
Open Head Steel Drum	00 51111 18858 3	Open Head Steel Drum	00 51111 07280 6	

94ET





$3M^{\rm \tiny M}$ Hi-Strength 94ET Spray Adhesive Low VOC <20%

- Unique, non-telegraphing spray pattern delivers postformable strength
- Long open time
- Meets CARB/OTC VOC requirements, SCAQMD Rule 1168 compliance, helps contribute to LEED® Credits, and low VOC

Clear		Red		
Aerosol		Aerosol		
00 51111 979	77 8	00 51111 979	78 5	
Cylinder		Cylinder		
Large	00 51111 97979 2	Large	00 51111 97986 0	
Intermediate	00 51111 97980 8	Intermediate	00 51111 97987 7	
Bulk		Bulk		
5 Gallon Pail	00 51111 97983 9	5 Gallon Pail	00 51111 97990 7	
Closed Head Steel Drum	00 51111 97984 6	Closed Head Steel Drum	00 51111 97991 4	

1357

3M[™] Neoprene High Performance Contact Adhesive 1357

- High performance contact adhesive with long bonding range and excellent initial strength
- Resists heat and continuous load stress
- Meets MIL-A-21366A, MMM-A-121

Grey-Green		Light Yellow		
Bulk		Bulk		
1 Gallon Pail	00 21200 19894 6	1 Gallon Pail	00 21200 22586 4	
5 Gallon Pail	00 21200 19897 7	5 Gallon Pail	00 21200 64963 9	
Agitator Steel Drum	00 21200 19898 4	Agitator Steel Drum	00 21200 22589 5	
Open Head Steel Drum	00 21200 19899 1			

2000NF



3M™ Fastbond™ Contact Adhesive 2000NF

- A water-dispersed, high solids activated adhesive
- Immediate bonding and handling strength without forced drying

Blue		Light Orange Bulk		
Bulk				
5 Gallon Pail	00 21200 87965 4	5 Gallon Pail	00 21200 87953 1	
Open Head Steel Drum	00 21200 87966 1	Open Head Steel Drum	00 21200 87955 5	
270 Gallon Poly Tote	00 21200 87969 2	270 Gallon Poly Tote	00 21200 87959 3	
Neutral				

Neutral		
Bulk		
5 Gallon Pail	00 21200 89337 7	
5 Gallon Box	00 21200 31337 0	
Open Head Steel Drum	00 21200 89338 4	
270 Gallon Poly Tote	00 21200 89341 4	

Multipurpose

27

3M™ Multi-Purpose 27 Spray Adhesive

- Versatile, economical, industrial-grade adhesive
- Bonds paper, fabrics, cardboard, soft foams and more
- Mist spray pattern and fast-tack adhesive performance

Clear	
Aerosol	
00 51111 07832 7	





3M[™] Fastbond[™] Insulation Adhesive 49

- Fast-tacking, high performance, water-based, pressure-sensitive adhesive
- Ideal for lightweight materials such as fiberglass, felt, shoddy and paper
- Low VOC content

Low voc content		
Clear		
Bulk		
5 Gallon Pail	00 21200 45163 8	
5 Gallon Box	00 21200 50044 2	
Open Head Steel Drum	00 68060 00090 3	
Poly Drum	00 68060 00073 6	
Poly Tote	00 21200 45193 5	
255 Gallon EZ Drain Tote	00 21200 56521 2	
100 Gallon EZ Tote	00 21200 56520 5	

60CA

3M™ General Purpose Adhesive 60CA

- Low VOC, general-purpose industrial-grade adhesive with lace spray pattern
- High solids content
- Bonds fabric, foam, plastic, heavy paper to wood, plastics and metals

Clear	
ylinder	
arge	00 48011 61687
ntermediate	00 48011 61688
lulk	
Gallon Pail	00 51115 31589
Closed Head Iteel Drum	00 51115 31590

3M™ HoldFast 70 Spray Adhesive

- Extremely versatile, fast-tacking, industrial-grade adhesive
- Unique wide-web spray pattern with heavy body and low soak-in formula
- Bonds polystyrene without degrading the surface

Clear			
Cylinder		Bulk	
Mini	00 51115 32201 3	5 Gallon Pail	00 51115 63935 7
Large	00 48011 61690 2	Closed Head Steel Drum	00 51115 63934 0
Intermediate	00 48011 61691 9		
Jumbo	00 48011 61692 6		

77MP

3M[™] Super 77[™] Multipurpose Spray Adhesive

- High tack, high coverage and low soak-in formula
- Bonds many lightweight materials such as foils, carpeting, paper, cardboard, felt and more
- Bonds in 15 seconds

Clear	
Aerosol	
13.44 oz.	00 76308 86234 3
16.0 oz.	00 21200 21210 9



3M[™] Super 77[™] Classic Spray Adhesive

- Original formula
- Fast aggressive tack and low soak-in of adhesive
- Bonds lightweight materials
- Bonds in 10-15 seconds

Clear	
Aerosol	
16.75 oz.	00 21200 96315 5
Cylinder	
Large	00 51115 25776 6
Bulk	
5 Gallon Pail	00 21200 43793 9
Open Head Steel Drum	00 21200 43813 4







3M™ Super 77™CA Multipurpose Spray Adhesive Low VOC <25%

- Bonds many lightweight materials such as foils, carpeting, paper, cardboard, felt and more
- Low soak-in and long open time
- Meets CARB/OTC VOC requirements and helps contribute to LEED® credits

Clear	
Aerosol	
00 51111 97956 3	

1049

3M™ Fastbond Pressure Sensitive Spray Adhesive 1049

- Bonds a variety of lightweight substrates
- Once surface bonding
- Water-based adhesive is non-flammable
- Plasticizer resistant
- Meets CARB and OTC VOC requirements

Clear				
Cylinder		Bulk		
Large	00 68060 00456 7	1 Gallon Pail	00 68060 00552 6	
		5 Gallon Pail	00 68060 00625 7	
		52 Gallon Drum	00 68060 00455 0	
		270 Gallon Tote	00 68060 00455 0	

Foam & Fabric

24

3M™ Foam & Fabric 24 Spray Adhesive

- Fast-tack, industrial-grade adhesive
- Aggressive tack with foam-tearing strength
- Bonds foam to substrates such as fabric, wood and more

Orange	
Aerosol	
00 51111 07862 4	

74

3M[™] Foam Fast 74 Spray Adhesive

- Fast-tacking adhesive with soft, non-dimpling bond lines
- Immediate foam-tearing strength
- Ideal for bonding flexible urethane or latex foam to many substrates such as wood, metal, fabrics and more

Clear		Orange	
Aerosol		Aerosol	
00 51111 500	45 9	00 21200 822	42 1
Cylinder		Cylinder	
Large	00 21200 49919 7	Large	00 21200 49158 0
Intermediate	00 51115 25741 4	Intermediate	00 51111 18853 8
Jumbo	00 511115 25742 1	Jumbo	00 51111 18854 5

74C





3M[™] Foam Fast 74CA Spray Adhesive Low VOC <25%

- Ideal for bonding flexible urethane or latex foam to many substrates such as wood, metal, fabrics and more
- Soft, non-dimpling glue lines
- Meets CARB/OTC VOC requirements and helps contribute to LEED® credits

Clear	Orange
Aerosol	Aerosol
00 51111 97967 9	00 51111 97958 7

100NF



3M™ Fastbond™ Foam Adhesive 100NF

- A water-dispersed, neoprene-based contact adhesive
- One part, rapid setting adhesive
- Ideal for bonding foam to many substrates such as wood, metal, fabrics and more

Lavender		Neutral	
Bulk		Bulk	
5 Gallon Pail	00 21200 41542 5	5 Gallon Pail	00 21200 39203 0
Open Head Steel Drum	00 48011 58433 1	Open Head Steel Drum	00 48011 58713 4
Poly Drum	00 21200 41543 2	Poly Drum	00 21200 39204 7
270 Gallon Poly Tote	00 21200 41544 9	270 Gallon Poly Tote	00 21200 39205 4
100 Gallon EZ Tote	00 21200 56512 0		

Specialty

71





3M™ Hi-Tack Composite Spray Adhesive 71

- Specifically designed to optimize the ultimate strength of resin-infused composite parts
- Consistent fine mist spray with high adhesive solids content for exceptional coverage
- Meets CARB and OTC VOC requirements

Clear		Green	
Aerosol	00 76308 14327 5	Aerosol	00 76308 14329 9
Cylinder	00 76308 14331 2	Cylinder	00 76308 14333 6

72

3M[™] Pressure Sensitive Spray Adhesive 72

- Pressure-sensitive adhesive gains strength as pressure is applied
- Permanent tack ideal for many one-surface bond applications
- Long open time allows bonds to be made hours or days after application
- Variable-width lace spray pattern allows for precise dispensing

Blue	
Aerosol	
00 21200 30025 7	

76

3M™ Hi-Tack 76 Spray Adhesive

- High tack spray adhesive creates quick, strong bonds
- Bonds hard-to-hold surfaces such as plastics to rubber, fabric, cardboard, wood, metal and more
- Variable-width lace spray pattern

Clear	
Aerosol	
00 21200 30026 4	

78

3M™ Polystyrene Insulation 78 Adhesive

- High solids adhesive formulated for expanded polystyrene and foam insulations
- Bonds without cavitating foams
- Fast grabbing, fast drying formula

Clear	
Aerosol	
00 21200 41593 7	
Bulk	
5 Gallon Pail	00 48011 53438 1

78ET

3M™ Polystyrene Insulation 78ET Adhesive

- Bonds polystyrene with no surface degradation
- Long tack time extends working time
- Uniform spray pattern ensures fast and easy application

Clear		Green	
Cylinder		Cylinder	
Large	00 48011 61693 3	Large	00 48011 61695 7
Intermediate	00 51115 25704 9	Intermediate	00 51115 25705 6
Jumbo	00 48011 61694 0	Jumbo	00 48011 61696 4

78HT

3M™ Hi-Temperature Polystyrene Insulation 78HT Adhesive

- \bullet Permanently bonds to polystyrene foam and other materials
- Will not degrade the foam
- Sprays with a lace pattern optimized for foam

00 51115 31595 4
00 51115 31594 7
00 51115 31596 1

Specifications and Ordering Information

80

3M™ Rubber and Vinyl 80 Spray Adhesive

- High strength adhesive provides strong bonds for rubber and vinyl
- High temperature and plasticizer resistant
- Fast-setting contact adhesive produces rapid results

Yellow	
Aerosol	
00 21200 82618 4	

1000NF



3M™ Fast Tack Water Based Adhesive 1000NF

- Quick bond in a one-part adhesive
- High coverage with potential for one surface application
- Bonds a wide variety of substrates with high temperature resistance
- Meets California and OTC state VOC requirements and helps contribute to LEED® credits

	Purple	
	Bulk	
00 51115 64581 5	1 Gallon Pail	00 51115 64679 9
00 51115 64674 4	5 Gallon Pail	00 51115 64680 5
00 51115 64677 5	Open Head Steel Drum	00 51115 64683 6
00 51115 64676 8	Closed Head Poly Drum	00 51115 64682 9
00 51115 64676 8	255 Gallon Poly Tote	00 51115 64684 3
	00 51115 64674 4 00 51115 64677 5 00 51115 64676 8	Bulk 00 51115 64581 5 1 Gallon Pail 00 51115 64674 4 5 Gallon Pail 00 51115 64677 5 Open Head Steel Drum 00 51115 64676 8 Closed Head Poly Drum 00 51115 64676 9 255 Gallon

4491

3M™ 4491 Adhesive

- Fast-drying adhesive with good resistance to plasticizer migration
- Bonds many vinyl extrusions and sheeting
- Excellent environmental resistance

Light Tan	
Bulk	
5 Gallon Pail	00 21200 50046 6
345 Gallon Tote	00 51115 63475 8

3M[™] Fastbond[™] Spray Activator 1

- Water-dispersed formula is low VOC
- High coverage with mist spray application
- Spray activator compatible with 100NF and 2000NF

Rulk

5 Gallon Pail	00 21200 89324 7
30 Gallon Tight Head Drum	00 21200 39289 4

3M™ Shipping-Mate™ Case Sealing Adhesive

- Permanently seals closure flaps to protect corrugated shipping containers
- Fast-tack adhesive with low soak-in
- Offers heat- and moisture-resistance for long-lasting durability

Aerosol 00 21200 30024 0

Industrial Cleaner

Citrus Base Cleaner

- Removes grease, oil, ink and most adhesives without the need to soak
- Provides mold-release agents
- Removes adhesive without damaging the surface underneath

Aerosol

00 21200 76394 6

3M™ Silicone Lubricant

- Reliable lubricant can be used in a wide variety of applications
- Fast drying to maintain productivity
- Long lasting and non-staining to keep work surfaces clean

erosol

00 68060 00512 0

3M™ Silicone Spray Low VOC 60%

Aeroso

00 68060 00514 4





3M™ Adhesive Remover

- Removes grease, oil, ink and most adhesives without the need to soak
- Provides mold-release agents
- Removes adhesive without damaging the surface underneath

Aeroso

00 21200 49048 4

3M[™] Adhesive Remover Low VOC < 20%

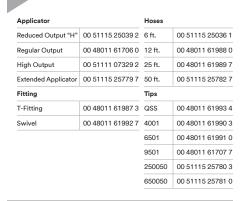
Aeroso

00 51111 97974 7





Cylinder Equipment



Water Based Cylinder Equipment

3M™ Performance Water-Based Cylinder Spray Nozzles

5/Box

00 68060 75783 8

3M™ Performance Water-Based Cylinder Spray Applicator Kit

2/Case

00 68060 75762 3

3M™ Performance Water-Based Cylinder Spray Adhesive Pex Hose

1/Case

00 68060 75761 6





*Meets applicable 2017 California Air Resource Board VOC limits for mist and web spray adhesives.



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