

3M™ Fastbond™ and Scotch-Grip™ Contact Adhesives

A tradition of 40 years and the performance you'll want for a long time to come.

This line offers a wide range of choices for contact adhesive applications. Select from bonding ranges, strengths, solids content, and solvent or water-based formulations to meet requirements for bonding laminate, foam, and more.

In the line, you'll find the water-based pioneer 3M™ Fastbond™ Contact Adhesive 30 NF – proven for almost 40 years in cabinet shops and still in compliance with current and currently proposed air quality regulations. Plus, there's the latest innovation – 3M™ Fastbond™ Contact Adhesive 2000-NF with handling speed exceeding most solvent-based systems and up to 350 psi in overlap shear.

The Fastbond Water-Based Story

While competition pressures you to improve productivity, regulatory legislation demands that you move toward more environmentally-responsible technologies. Some local and regional regulations have made traditional solvent-based contact adhesives virtually obsolete.

Fastbond is the 3M trademark on a continually growing line of water-based adhesives that are helping many industries meet the challenge right now and aim for the foreseeable future. By replacing solvent-based adhesives, compliance is getting easier in more and more applications. At the same time, you have a choice of production and end-use characteristics as you can see in the chart at far right and on page 22.



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Buy only the quantity you need – Depending on the specific 3M™ Fastbond™ Adhesive, you can select quart or gallon jugs for convenient handling, or 5-gallon pails and 55-gallon drums for large bulk dispensing.



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Tabletop lamination – With 3M™ Fastbond™ Contact Adhesive 2000-NF, you get three times the coverage of a typical solvent-based system. For production speed, you go from spray to trim in seconds.



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Foam fabrication – In compound cushion assembly, high tack 3M™ Fastbond™ Foam Adhesive 100 holds curves in seconds. Lighter density foam is adhered around the higher density core with a smooth rounded edge.



Photo courtesy of Four Seasons Mfg.

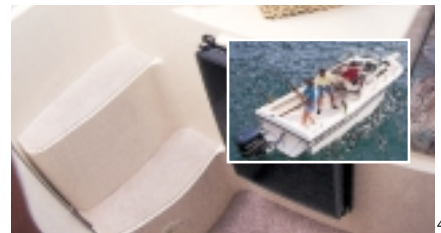
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Upholstered household furniture – 3M™ Fastbond™ Foam Adhesive 100 quickly bonds substrates throughout chairs and couches. Bond foam to foam and fiber fill, foam to wood, fiber fill to fabric, and more.



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Cabinet assembly – 3M™ Fastbond™ Contact Adhesive 30-NF is a formulation proven in shops for four decades. Combines open time of up to 4 hours with high immediate bond strength. Apply with roller, brush, or spray gun.



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Marine carpeting – In bonding carpet to fiberglass flooring and steps, 3M™ Fastbond™ Contact Adhesive 2000-NF helps withstand the foot traffic and moisture in boat cabins.

Product Information: 3M™ Fastbond™ Contact Adhesives, Water-Based

| Product | Features | Solids Weight (Approx.) | Flash Point (Closed Cup) | Consistency | Color Dry Film | Application Method | Bonding Range | Overlap Shear Strength (PSI) | | Peel Strength (PIW) |
|---|-------------------|-------------------------|--------------------------|------------------|---------------------------|---------------------------------|------------------|------------------------------|-------------------|---------------------|
| | | | | | | | | 75°F (24°C) | 180°F (82°C) | 75°F (24°C) |
| Fastbond Contact Adhesives, Water-Based | 30-NF | 50% | None | Thin liquid | Green, Clear | Spray, roller, brush | Up to 4 hours | 480 ⁽¹⁾ | 60 ⁽¹⁾ | 5.9 ⁽²⁾ |
| | 30-H | 50% | None | Medium liquid | Green | Spray, roller, brush, roll coat | Up to 4 hours | 480 ⁽¹⁾ | 60 ⁽¹⁾ | 5.9 ⁽²⁾ |
| | 2000-NF | 49% | None | Thin liquid | Blue, Light Orange, Clear | Co-Spray | Up to 2 hours | 350 ⁽¹⁾ | 50 ⁽¹⁾ | 4.1 ⁽²⁾ |
| | Foam Adhesive 100 | 47% | None | Very thin liquid | Lavender, Clear | Spray | Up to 20 minutes | N/A | N/A | 1.1 ⁽²⁾ |

Product Information: 3M™ Scotch-Grip™ Contact Adhesives

| Product | Features | Solids Weight (Approx.) | Flash Point (Closed Cup) | Consistency | Color Dry Film | Application Method | Bonding Range | Overlap Shear Strength (PSI) | | Peel Strength (PIW) |
|-------------------------------|----------|-------------------------|--------------------------|-------------|--------------------------|--------------------|--------------------|------------------------------|--------------------|---------------------|
| | | | | | | | | 75°F (24°C) | 180°F (82°C) | 75°F (24°C) |
| Scotch-Grip Contact Adhesives | 5 | 19% | -14°F (-26°C) | Thin liquid | Green, Light Yellow | Spray | 30 minutes minimum | 482 ⁽¹⁾ | 65 ⁽¹⁾ | 19 ⁽²⁾ |
| | 10 | 22% | -14°F (-26°C) | Thin liquid | Light Yellow | Brush, roller | 30 minutes minimum | 482 ⁽¹⁾ | 65 ⁽¹⁾ | 19 ⁽²⁾ |
| | 1357 | 25% | -14°F (-26°C) | Thin liquid | Gray-green, Light Yellow | Brush, spray | 30 minutes minimum | 536 ⁽¹⁾ | 199 ⁽¹⁾ | 42 ⁽²⁾ |
| | 1357-L | 18% | -14°F (-26°C) | Thin liquid | Gray-green | Spray | 30 minutes minimum | 536 ⁽¹⁾ | 199 ⁽¹⁾ | 42 ⁽²⁾ |

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

(1) Birch plywood to birch plywood @ 0.1 inches/minute separation rate.

(2) Canvas to cold rolled steel @ 2.0 inches/minute separation rate.

Note: Flash Point (closed cup) in all Fastbond Adhesives: None.



Note: 3M™ Hi-Strength 90 Adhesive, a popular 3M aerosol adhesive (see page 25), is now also available in bulk form.