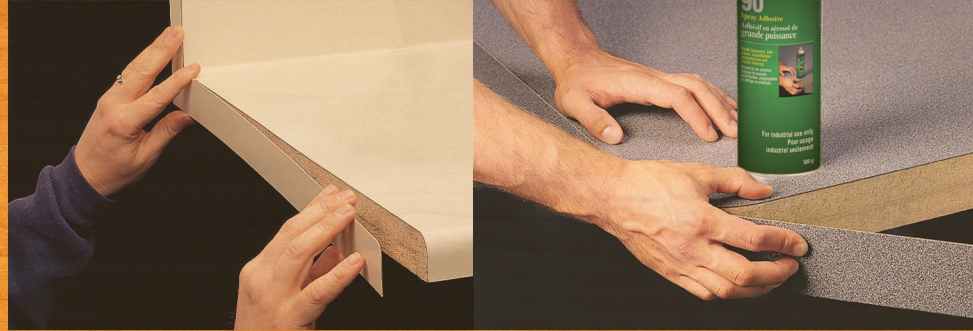


3M™ Hi-Strength 90 Spray Adhesive



High Strength. High Performance.

From the company who introduced the first industrial-grade aerosol adhesive over 40 years ago, 3M™ Hi-Strength 90 Spray Adhesive delivers the high performance required during fabrication through to job installations. A high strength, fast drying, contact-type adhesive used for permanently bonding decorative laminates, particleboard, wood, metal, foam concrete and many plastics, including polyethylene and polypropylene.

- Fast, convenient
- Low soak-in
- High heat resistance
- Precise lace spray pattern





Bonds in Seconds

3M™ Hi-Strength 90 Spray Adhesive typically bonds edge banding 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.

Technical Information

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

Net Weight (Oz. - Grams)	% Solids	Sq. Ft. Coverage @ 1 gram dry wt/ sq.ft (per can) ⁽¹⁾	Spray Pattern	Bonding Range		Overlap Shear Strength ⁽²⁾ (PSI)	Peel Strength ⁽³⁾ (PIW)	Heat Resistance in °F ⁽⁴⁾	CA Compliant ⁽⁵⁾
				One Surface	Two Surfaces				
17.6 - 500	13	65	Variable Web	NR	1 min - 10 min	up to 600	13	250	Yes

(1) 1 g/sq ft of adhesive coverage may not be enough for a some products. Higher strength applications may need as much as 2.5 grams dry wt/sq ft. Convert sq ft coverage by dividing by 2.5.

(2) Testing based on ASTM D3163 with birch plywood, 1 inch overlap, 1.5 - 2.5 gm/sq.ft (dry adhesive wt.)

(3) Testing based on ASTM D1876-01 with coated canvas, pulled at 12 in/min.

(4) SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90°F and ramped 10°F every 10 min. until complete failure.

(5) California Compliant per California Air Resources Board Consumer Product Rules for Aerosol Adhesives

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