3M™ Laminating Adhesive 360

Electronics, transportation, appliances, medical devices, and more



Strong performance with quick, sure stick
across a broad range of HSE and LSE substrates

Go to thin bondlines...quick, easy attaching of hard-to-bond

3M™ Laminating Adhesive 360 – bond, seal, and resist with 2-5 mils of real power

Don't let size deceive you. With a thin 2-mil or 5-mil transfer tape or thin 2-mil or 4-mil double-coated tape using 3M™ Laminating Adhesive 360, shear and peel strengths are equal or greater than other thicker tapes. And for the many OEMs designing thinner products using lighter weight materials, there's even more:

- Quick stick for fast, secure assembly with a range of HSE and LSE materials including glass, ABS, and hard-to-bond PP, HDPE, LDPE, Nylon and powder coated or UV painted surfaces
- Resistance up to 350°F (177°C), and to different solvents, and harsh environments
- Low odor



Converter friendly for high speed productivity

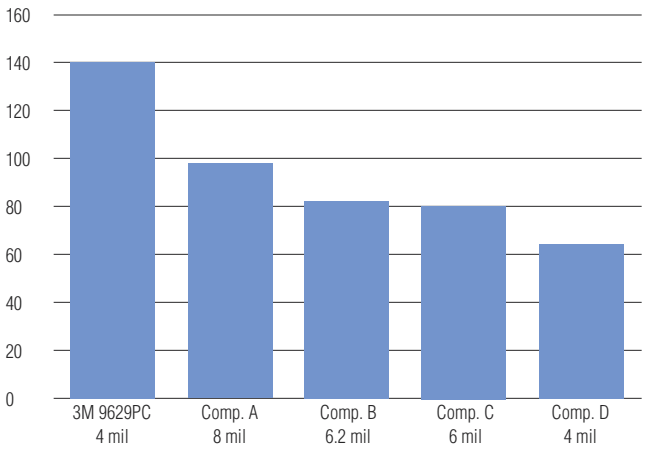
Little or no oozing helps solve three time-wasting production problems:

- Adhesive "picking" during unwind
- Adhesive residue on cutting blades
- Adhesive sticking to back of liner and/or the die-cut part surface



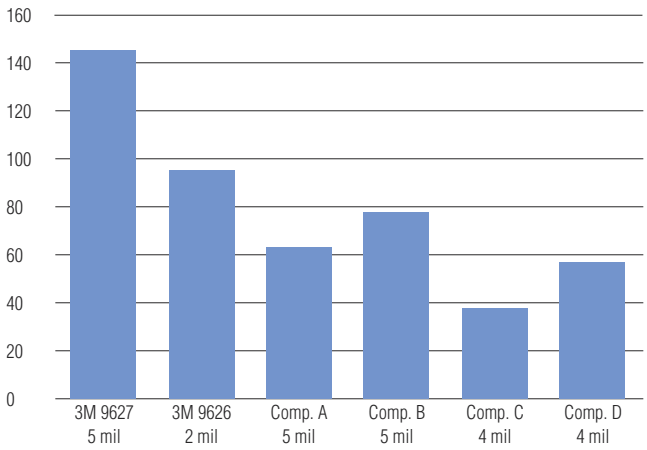
Double Coated Tapes

Peel Strength (oz/in) Polypropylene



Adhesive Transfer Tapes

Peel Strength (oz/in) Polypropylene



Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

surfaces...strength to take the stresses in many applications

Electronics



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Application ideas:

- Lens bonding
- Gasket attachment
- Plastic housing and component assembly
- Die-cut parts including LCD windows
- Decorative trim attachment

Relevant characteristics:

- Quick bonding of plastic components and specialty texture painted surfaces
- High shear/peel strength for reduced adhesive ooze, slippage, and lifting
- Resists high temperatures up to 350°F (177°C) associated with transformers
- Thin for smooth appearance of thin plastic decorative trim

Appliance



Application ideas:

- Decorative trim attachment
- Die-cut parts including LCD windows
- Nameplates and rating plates for difficult-to-bond surfaces

Relevant characteristics:

- Quick bonding of HSE and LSE materials including powder coated paints
- High shear/peel strength for reduced adhesive ooze, slippage, and lifting
- Resists high temperatures up to 350°F (177°C) and typical household cleaners
- Thin for smooth appearance of instrument panel graphics

Transportation



Application ideas:

- Interior decorative trim attachment
- Die-cut parts for noise damping
- Plastic housing and component assembly

Relevant characteristics:

- Quick bonding of HSE and LSE materials from console to trunk and under the hood
- High shear/peel strength for reduced adhesive ooze, slippage, and lifting
- Thin for smooth appearance of instrument panel graphics

Medical Devices



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Application ideas:

- Nameplates and rating plates for difficult-to-bond surfaces
- Lens bonding
- Gasket attachment
- Plastic housing and component assembly
- Die-cut parts including LCD windows

Relevant characteristics:

- Quick bonding of HSE and LSE materials
- High shear/peel strength for long-term durability
- Resists high temperatures up to 350°F (177°C)
- Thin for smooth appearance of control panels

Product Selection

Adhesive Family	Product	Format	Color	Tape Thickness*	Carrier	Liner	Liner Thickness (mils)	Master Size
Quick Stick Acrylic 360	9626	ATT	Clear	2 mil	-	Glassine	3.2	54" x 180 yds
	9627**	ATT	Clear	5 mil	-	Glassine	3.2	54" x 180 yds
	9628B**	DC	Black	2 mil	PET	Glassine	3.2	54" x 180 yds
	9628FL**	DC	Clear	2 mil	PET	PET film	2	54" x 180 yds
	9629PC	DC	Clear	4 mil	PET	PCK	4.2	54"" x 180 yds
	9629FL	DC	Clear	4 mil	PET	PET film	2	54" x 180 yds
	9629B**	DC	Black	4 mil	PET	Glassine	3.2	54" x 180 yds

* Others avaliable on request.
** Available in October 2009

Adhesive Family	Features	
350	• Best in class for high temperature resistance 350°F (177°C) and shear strength • Excellent solvent resistance and for harsh environments	• Best for challenging applications
360	• More strength with less adhesive • Quick stick properties to many LSE substrates • Lowest ooze	• Low odor • Excellent convertability (die-cut)
300LSE	• Best in class for oily substrates • Thicker "Go To" tapes for LSE substrates	• Good chemical and humidity resistance
300MP	• Multi-purpose use for many applications • Bonds very well to foam, fabrics and many plastics	• Economical attachments of graphics

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Converter Markets
Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-223-7427
www.3M.com/converter

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