

# 3M™ Laminating Adhesive 360

Electronics, transportation, appliances, medical devices, and more



More  
strength  
with less  
adhesive

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

**3M**

# 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

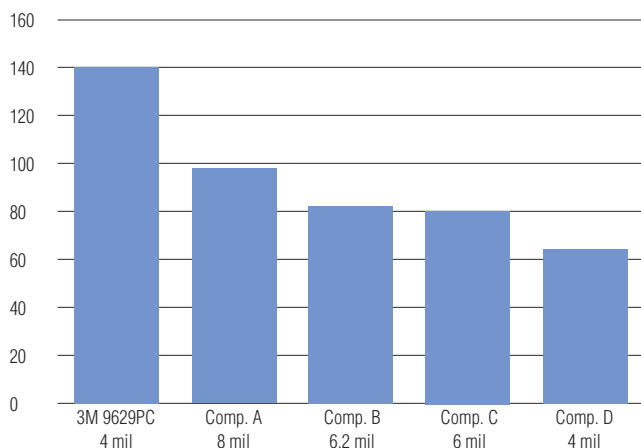
Little or no oozing helps solve three time-wasting production problems:

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



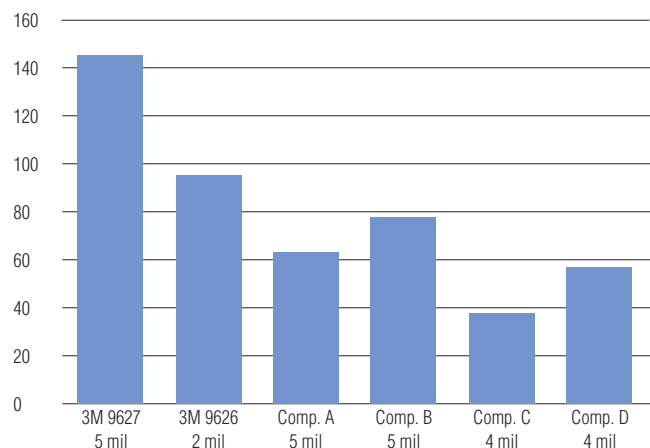
## Double Coated Tapes

### 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



### 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



### 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 available on request.

\*\* Available in October 2009

Adhesive Family	Features	
<b>350</b>	<ul style="list-style-type: none"> <li>• Best in class for high temperature resistance 350°F (177°C) and shear strength</li> <li>• Excellent solvent resistance and for harsh environments</li> </ul>	<ul style="list-style-type: none"> <li>• Best for challenging applications</li> </ul>
<b>360</b>	<ul style="list-style-type: none"> <li>• More strength with less adhesive</li> <li>• Quick stick properties to many LSE substrates</li> <li>• Lowest ooze</li> </ul>	<ul style="list-style-type: none"> <li>• Low odor</li> <li>• Excellent convertability (die-cut)</li> </ul>
<b>300LSE</b>	<ul style="list-style-type: none"> <li>• Best in class for oily substrates</li> <li>• Thicker "Go To" tapes for LSE substrates</li> </ul>	<ul style="list-style-type: none"> <li>• Good chemical and humidity resistance</li> </ul>
<b>300MP</b>	<ul style="list-style-type: none"> <li>• Multi-purpose use for many applications</li> <li>• Bonds very well to foam, fabrics and many plastics</li> </ul>	<ul style="list-style-type: none"> <li>• Economical attachments of graphics</li> </ul>

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## Converter Markets Industrial Adhesives and Tapes Division

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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