

3M™ High Performance Acrylic Adhesive 200MP

Raising the standards. Again.



1

Exceptional shear strength now with layflat liners and air-release construction for smoother application.



Look again at how 3M™ High Performance Acrylic Adhesive 200MP continues to set the standard for high performance

Precision bonding for metals and HSE plastics

Even after more than 30 years of applications success, 3M™ High Performance Acrylic Adhesive 200MP is still raising the standard of performance for bonding to metal and high surface energy plastics in a wide variety of markets.



Aerospace



Appliances



Medical devices



General Industrial



Electronics



Automotive



And more

The brand and products proven for applications success...

nameplates, graphic overlays, track pad bonding, mylar attachment, membrane switches, and more

2

3

6

5

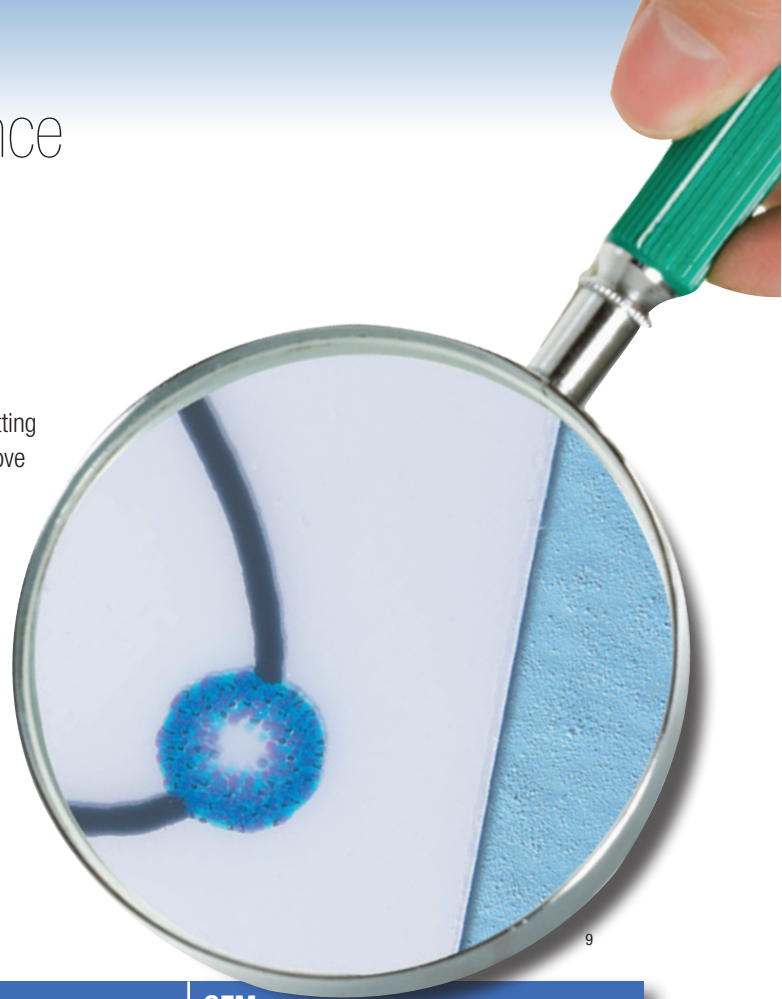
7

High shear benefits at a glance



Less oozing and tight edges

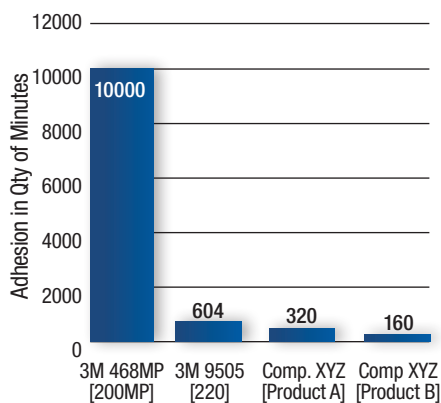
Less adhesive oozing at slitting and die-cutting helps improve rapid part processing with minimal waste. Finished graphic is neat and clean because edges are less likely to ooze and collect dirt.



Converters	OEMs
<ul style="list-style-type: none"> • Better roll aging and storage stability minimizes edge picking and waste • Clear and precise razor slitting for higher productivity and yield • Consistent die-cutting with precise tooling 	<ul style="list-style-type: none"> • Short term repositionability for placement accuracy • Up to 400°F short term heat resistance • Slippage resistance in warm environments for clean graphic edges • Consistent liner release over time (unlike high tack products)

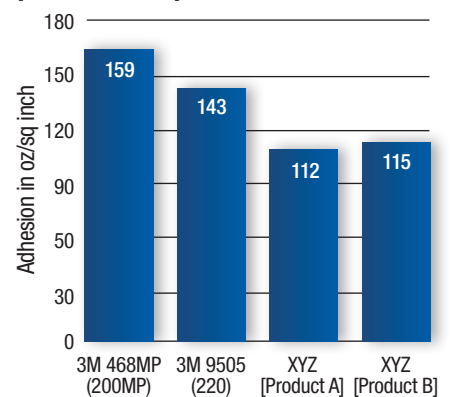
Static Shear

[ASTM D3654 .5 inch², 158°F, 1000 grams]

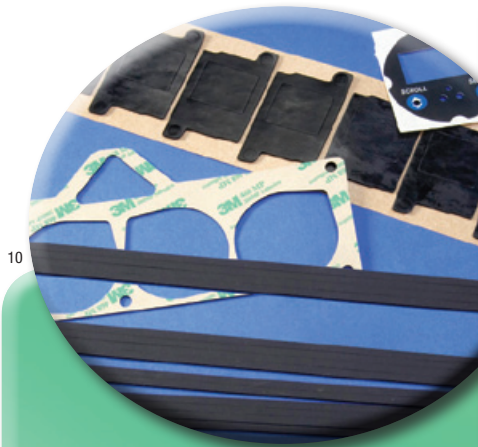


Peel

[72 hr. 158°F Dwell]



Look for die-cutting precision and productivity



10

Look for a layflat liner as the new standard

- Special polycoated paper construction for increased dimensional stability in high humidity storage, processing, shipping, and application conditions
- Improved sheet processing and productivity with less waste during die-cutting
- Improved rotary die-cutting at high speeds
- Consistently uniform adhesive coverage for full-value bonding performance



SOLVED

Curling after die-cutting

11



SOLVED

Tunneling or buckling

12



SOLVED

Cockling or fluting

13



SOLVED

Curling before die-cutting

14



SOLVED

Edge scalloping

15



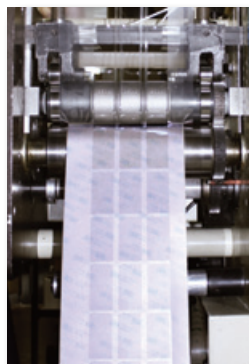
SOLVED

Rippling or bagging

16

Looking for rotary die-cutting options?

Our film liner is a tried and true option for rotary die cutting. And now, our upgraded 58# PCK layflat liner may offer improved performance for your application. Try it in your process to determine if it meets your needs.



17



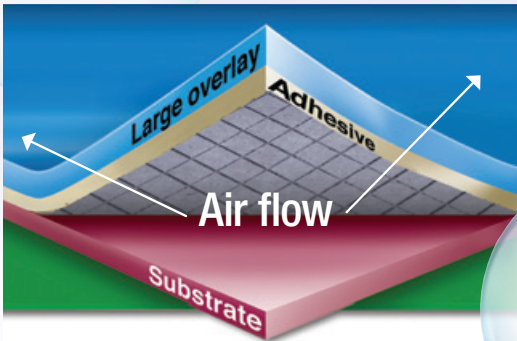
18

Look for more than you expected

Look for bubble-release



MicroChannel liners for smoother applications



With 3M™ Adhesives Transfer Tapes 467MC/MCF and 468MC/MCF, a unique liner imprints microchannels into the adhesive. When bonding a large graphic overlay or laminate to a substrate, air flows freely from between the surfaces. There are no unsightly wrinkles and bubbles that can cause wasteful rework.



1 Liner imprints MicroChannels



2 Substrates combined



3 Bubbles trapped



4 Rub to release bubbles



5 Bubbles gone

Ask your 3M Sales Professional to show the demo in person.

3 Ways Greener

1 Solventless bonding

Neat, dry pressure sensitive adhesive bonds on contact without solvents.

2 Solventless liner production

Providing materials manufactured using a total solventless coating process



Offering you a broad selection of materials that are Conflict Mineral Free, such as 3M™ Adhesive Transfer Tape 467MP, defined by SEC's Conflict Minerals Rule Fed. Reg. 56274 as not containing tin, tantalum, tungsten or gold.

Look for customized constructions

Rapid • Responsive • Reliable

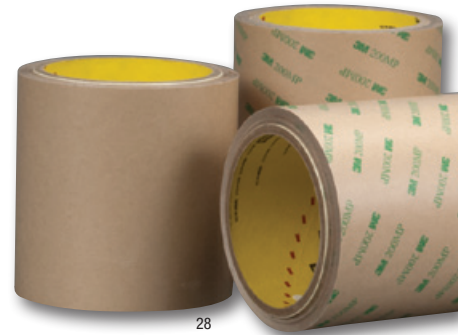
3M can help you **rapidly respond** with **reliable** custom solutions that combine 3M™ High Performance Acrylic Adhesive 200MP with a selection of liners and adhesive thickness.

- Pricing and feasibility in 1 day
- Customized sample rolls up to 10" wide shipped within 7 days; wider in 14 days
- Order shipped in 21 days



3M™ High Performance Acrylic Adhesive 200MP Product Selection

200MP Adhesive Transfer Tapes				
Product Number	Primary Liner	Adhesive I Caliper	Total Tape Caliper	Master Roll Width*
467MP	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	2mil [.05mm]	48 and 60 inches
467MPF	PET 2mil [.05mm]	2mil [.05mm]	2mil [.05mm]	54 inches
467MC	MicroChannel PCK 58# PCK Paper 4.2 mil [.106mm]	2mil [.05mm]	2mil [.05mm]	54 inches
467MCF	MicroChannel PET 4mil [.102mm]	2mil [.05mm]	2mil [.05mm]	54 inches
9667MP	83# PCK Paper 6.2 mil [.157 mm]	2mil [.05mm]	2mil [.05mm]	54 inches
468MP	58# PCK Paper 4.2mil [.106mm]	5mil [.127mm]	5mil [.127mm]	48 and 60 inches
468MPF	PET 2mil [.05mm]	5mil [.127mm]	5mil [.127mm]	54 inches
468MC	MicroChannel PCK 58# PCK Paper 4.2 mil [.106mm]	5mil [.127mm]	5mil [.127mm]	54 inches
468MCF	MicroChannel PET 4mil [.102mm]	5mil [.127mm]	5mil [.127mm]	54 inches
9668MP	83# PCK Paper 6.2 mil [.157 mm]	5mil [.127mm]	5mil [.127mm]	54 inches



28

200MP Adhesive Transfer Tapes with Double Liners					
Product Number	Primary Liner	Adhesive I Caliper	Secondary Liner	Total Tape Caliper	Master Roll Width*
7952MP	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	48 inches
7955MP	58# PCK Paper 4.2mil [.106mm]	5mil [.127mm]	58# PCK Paper 4.2mil [.106mm]	5mil [.127mm]	48 inches
7962MP	83# PCK Paper 6.2mil [.157mm]	2mil [.05mm]	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	48 inches
7965MP	83# PCK Paper 6.2mil [.157mm]	5mil [.127mm]	58# PCK Paper 4.2mil [.106mm]	5mil [.127mm]	48 inches
9172MP	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	HDPE Film 3mil [.076mm]	2mil [.05mm]	48 inches
9185MP	58# PCK Paper 4.2mil [.106mm]	5mil [.127mm]	HDPE Film 3mil [.076mm]	5mil [.127mm]	48 inches

200MP Double Coated Tapes with PET Carriers						
Product Number	Primary Liner	Adhesive I Caliper	Carrier Type	Adhesive II Caliper	Total Tape Caliper	Master Roll Width*
92015	58# PCK Paper 4.2mil [.106mm]	2.7mil [.069mm]	Clear PET Film .5mil [.013mm]	2.7mil [.069mm]	5.9mil [.150mm]	54 inches
7956MWS white vapor coated	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	White VC PET Film 2mil [.05mm]	2mil [.05mm]	6mil [.152mm]	48 inches
7966MWS white vapor coated	58# PCK Paper 4.2mil [.106mm]	2mil [.05mm]	White VC PET Film 2mil [.05mm]	5mil [.127mm]	9mil [.229mm]	48 inches

Note: The caliper listed is based on a calculation from manufacturing controlled adhesive coat weights using a density of 1.110g/cc. *Available in metric dimensions as well.

Additional tape constructions

If you do not see what you want in the chart above, additional 3M™ High Performance Acrylic Adhesive 200MP tape constructions are available for customization. And note, that 200MP products are just a few of the many solutions available to meet processing and end use performance requirements. Contact your local 3M Sales Representative for more information.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. **Warranty, Limited Remedy, and Disclaimer:** Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. **Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Converter Markets Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-328-1681
www.3M.com/converter

3M is a trademark of 3M Company.

Printed in U.S.A
© 3M 2014
70-0713-4589-9