



[DELIVERING VALUE FROM START TO FINISH.]

A Guide to 3M Product Solutions for the Screen Printing Industry.





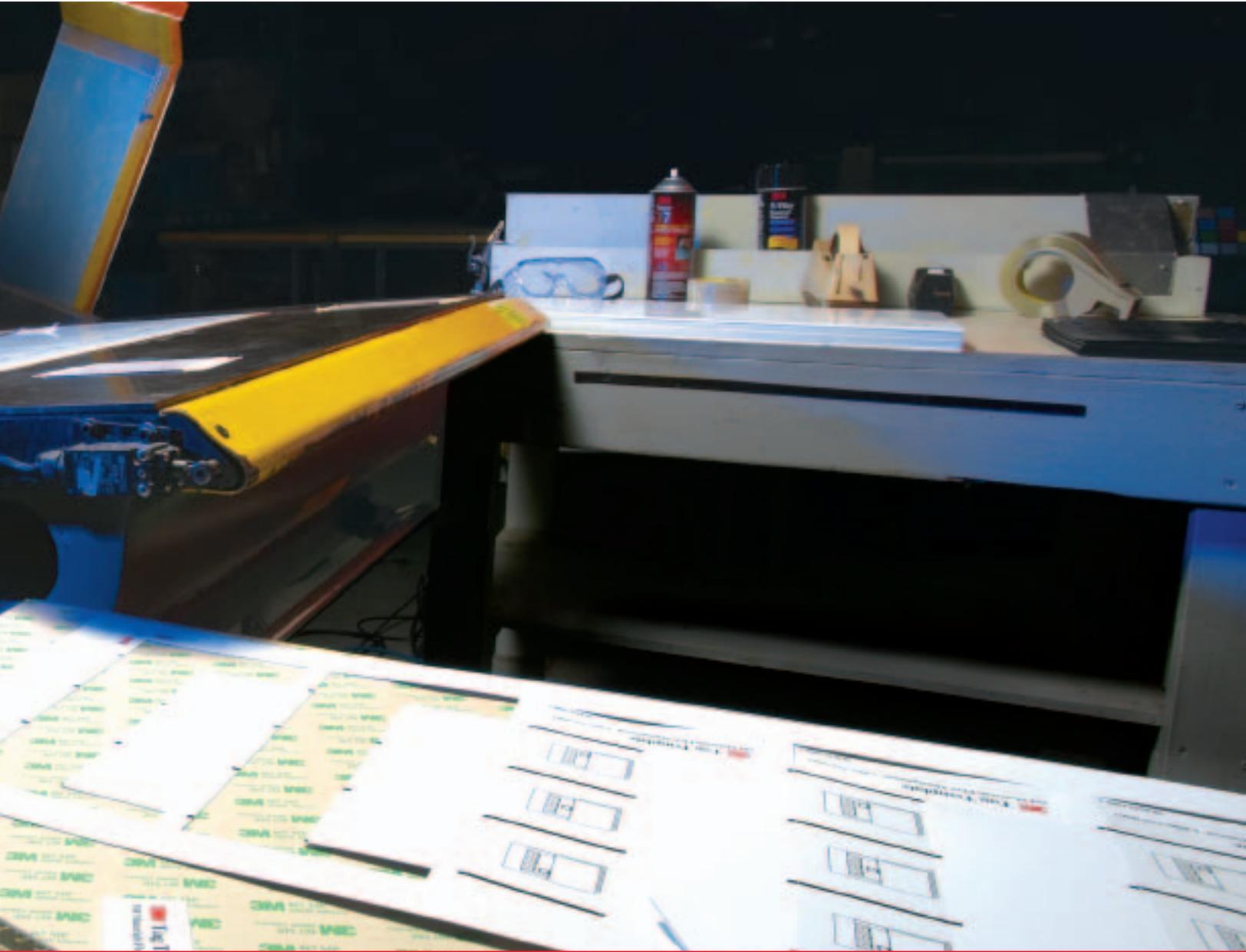
In today's competitive graphics marketplace, success means more than ever. It's about producing high-quality products and delivering services faster than ever, even more difficult by shrinking deadlines and increasing

There is a way you can simplify the equation and not only maintain the balance between cost and quality, but streamline your operations throughout your facility—talk to your 3M representative.

If you look around your shop, you'll probably find 3M products everywhere, from the front office to the shipping dock. As a world leader in the development of a wide array of innovative solutions, we've been helping companies just

like yours achieve their business goals for more than a century. The value we deliver is reflected in the trust our customers place in our products and services, and by putting our expertise to work throughout your facility, you can realize significant benefits in productivity, efficiency, and bottom-line savings.

Let's take a look at how 3M's innovation can make a difference for you.



means finding every opportunity to save on operating costs
superior customer service. Achieving that balance is made
ly challenging custom applications.



Everything in Between. **3M**



3M's imaging films have set the standard in the industry for quality, durability, and performance. We offer a variety of materials in many colors to meet your specific application requirements:

- Polyester**
- Vinyl**
- Polypropylene**
- Polyolefin**
- Styrene**
- Foil**

Years of 3M engineering and expertise have gone into the development of these imaging films. That's why they're the premier choice of graphics professionals everywhere. Our materials are all designed for maximum compatibility with your printing and ink technologies for consistently outstanding results.

You can choose from roll-to-roll, roll-to-sheet, or sheeted label configurations, and we offer custom constructions to meet your specific application requirements.

IMAGING FILMS

With the rise of digital printing technology, 3M has created an innovative new line of label materials specifically designed for today's fast-paced digital printing environment. Now you can choose from a selection of optimized polyester and polypropylene facestocks with 3M's advanced adhesive technology. But that's just the beginning:

- ▶▶ Materials are available in smaller minimums—as low as a single roll—making them ideal for short-run jobs.
- ▶▶ All digital materials are pattern-coated with adhesive, leaving a dry edge. This prevents adhesive ooze and buildup on press, and provides easy handling and less cleanup.
- ▶▶ 3M makes using these digital products convenient with small minimum orders and pre-slit rolls in stock, ready to ship, so you can experience the benefits of this innovative technology without maintaining extra inventory.



Graphics are a significant investment for your customers. It's their reputation being put on display. You can provide the greatest return on their investment by choosing 3M™ Controltac™ Plus Graphic Film with Comply™ Performance.

For indoor and outdoor applications, 3M durable graphic films have long been the choice of printing professionals everywhere. Whether you have long-term or short-term display needs, you can be sure your graphics will stand up to the elements.

Your customers will enjoy bright, clear graphics that apply easily and resist fading, peeling, and cracking. This quality and durability will keep their image looking great and keep them coming back to you for business time after time.

Versatile Graphic Film—A flexible, 2-mil opaque vinyl film that is perfect for a variety of durable, yet removable, indoor and outdoor graphic applications.

Positionable Graphics—3M's patented mechanical adhesive feature, available only on Controltac™ films, allows the film to be repositioned during installation until firm pressure is applied.

Easy Application—A breakthrough technology, 3M's Comply™ Performance feature makes graphic application easier than ever by directing air through channels in the adhesive when pressure is applied, resulting in fewer bubbles.

[DURABLE GRAPHIC FILMS]



GRAPHIC ATTACHMENT

No matter what, where, or when you're attaching graphic materials, you'll find the right combination of adhesive characteristics with 3M. Challenging surfaces, extreme environments, or special-purpose, you'll appreciate how our dedication to performance and innovation has paid off.

3M™ Adhesive 200MP—The industry standard for high-performance acrylic adhesive, 3M adhesive 200MP offers high temperature, chemical and solvent resistance; long-term bonding to most metal and high-surface-energy plastics; smooth, uniform caliper; and short-term repositionability on plastic for accurate placement.

3M™ Adhesive 220—A solvent-free adhesive formulated for general purpose applications.

3M™ Adhesives 300 and 300LSE—These high-strength adhesives deliver exceptional resistance to temperature fluctuations. 3M adhesive 300LSE is designed for use on low-surface-energy substrates such as powder-coated paints and most plastics.

3M™ Adhesive 350—For your most challenging applications, 3M adhesive 350 stands up to extreme temperatures, UV exposure, acids, solvents, and fuels. Even oily surfaces are no problem for this acrylic adhesive.

Screen-Printable Adhesives—Available in water-based and UV-curable formulations, screen-printable adhesives can save you labor and materials by eliminating complicated die-cutting and assembling processes.

Opaque Attachment Tape—Now you can get complete opaque coverage without floodcoats of ink, and get the adhesive performance of our industry standard 3M adhesive 200MP high-performance acrylic adhesive all in one easy step.

Membrane Spacers—Get long-lasting performance from polyester membrane switch spacers. These double-sided spacers feature 3M adhesive 200MP to aid in the construction of membranes with circuitry—protecting leads and attaching dome arrays.

Double-Coated Tapes—We also offer a complete line of double-coated tapes engineered with adhesive on both sides of paper, film, or tissue. This construction increases dimensional stability of the adhesive for easy handling and application.



PROCESS MATERIALS



At every step in the production process, you'll find a quality 3M product ready for duty. You take pride in the quality of your work, trust 3M to deliver the performance products that keep your work safe throughout your shop and beyond.

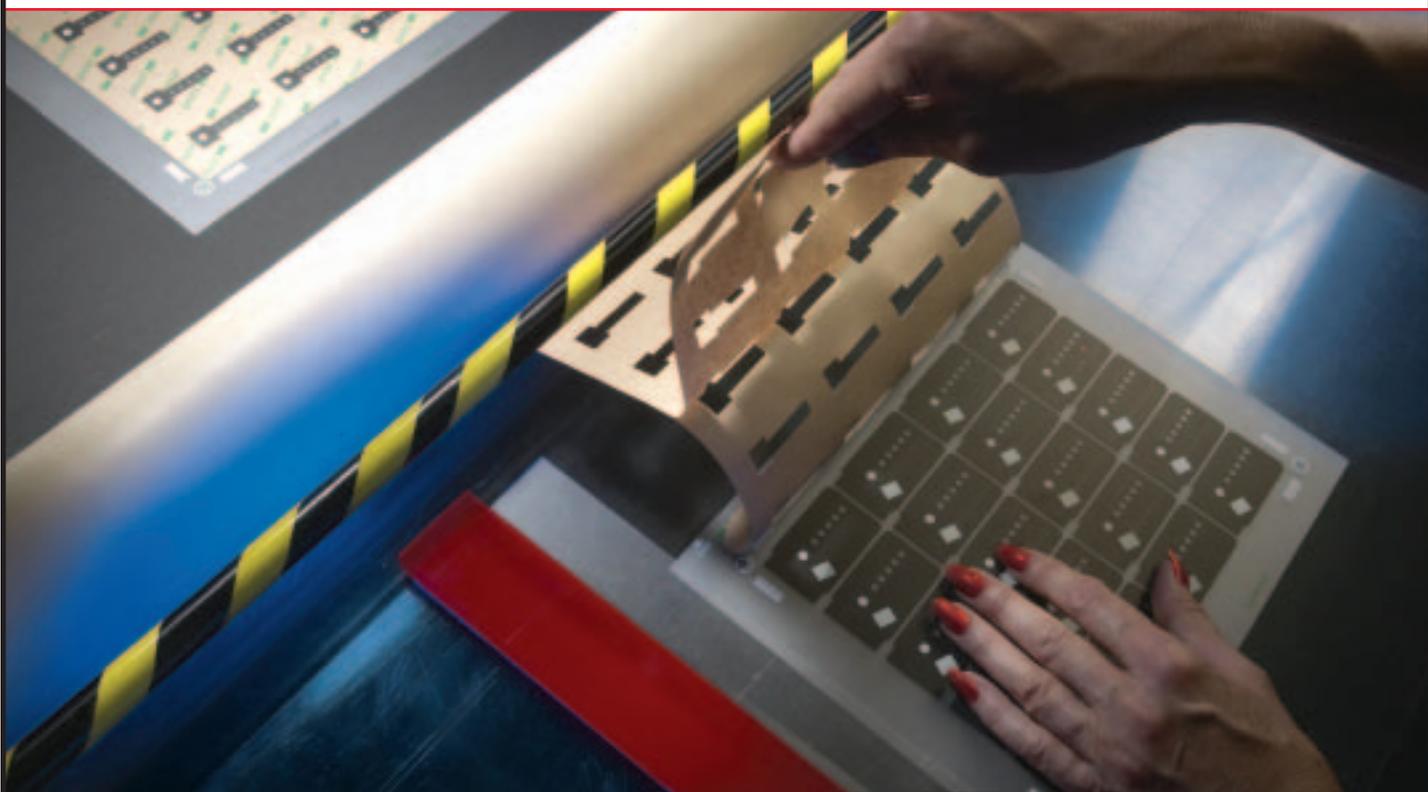
Flexographic Tapes—Solid coverage, halftone work, or combinations, 3M's full line of flexographic mounting tapes will keep your graphics looking clean and sharp.

Polymask—3M™ Protective Tapes keep your products safe from scratches during assembly and/or transport, and they peel off easily, leaving no residue.

Overlamine Films—Indoors or outdoors, graphics need protection against the elements, especially UV rays. 3M offers a complete line of overlamine films to keep your graphics looking sharp wherever they are.

Premask—When working with large-format graphics, 3M premasking tape offers a unique low-tack adhesive for application to a variety of substrates.

In-House Process Liners—Maintain control of the surface structure of your adhesive and protect it from dirt, contamination, and pre-adhesion with 3M process liners.





[PLANT CONSUMPTION]

Whether you're splicing rolls of material, packaging finished products, or working around the facility, 3M products have a well-deserved reputation for performance and value. 3M is your one-stop shop for reliable products that help you maintain a clean, efficient, and productive facility.

Masking Tapes—From general use to specific masking applications, 3M tapes set the standard.

Duct Tapes—Hard-working tapes for all of your HVAC and other holding needs.

Packaging Tapes—Make sure your products arrive in the same condition you sent them with high-performance 3M packaging tapes.

Electrical Tapes—High strength and flexibility provide a secure hold every time.

Splicing Tapes—Create highly visible and virtually indivisible splices without the need for angles and patterns.

Sorbents—Clean up spills and leaks quickly.

Spray Adhesives—Temporary or permanent, spray adhesives put the holding power where you need it.

Safety-Walk Tapes and Treads—Help avoid slip-and-fall accidents.

5-Way Penetrant—This versatile chemical penetrates, lubricates, demineralizes, and helps prevent rust.

Filter Masks—Top-quality masks help keep your employees safe on the job.

Clean-Walk Mats—An effective way to trap dirt and contamination before it enters your work area.

ARTWORK INITIATION	INNOVATIVE PRODUCT SOLUTIONS
<p style="text-align: center;">↓ ↓ ↓</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 150px;">FLEX PLATE MFG</div> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 150px;">DIRECT TO SCREEN</div> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 150px;">OUTPUT TO FILM</div> </div>	<p style="text-align: center;">Adhesive Cleaners ■ Screen Masking ■ Splicing Tapes Anti-Fatigue Mats and Runners ■ Clean-Walk Mats</p>
<p style="text-align: center;">↓ ↓</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 200px;">PLATE MOUNTING</div> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 200px;">SCREEN PREPARATION</div> </div>	<p style="text-align: center;">Flexographic Mounting Tapes ■ Edge Sealing Compounds Plate Build-Up Tapes ■ Aerosol Adhesives Citrus Cleaner ■ Anti-Fatigue Mats and Runners ■ Clean-Walk Mats</p>
<p style="text-align: center;">↓</p> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 200px; margin: 0 auto;">PRESS ROOM</div>	<p style="text-align: center;">Label Materials ■ Graphic Films ■ Overlamine Films Adhesive Transfer Tapes for Core Starting, Splicing, and Roll Tabbing Splicing Tapes ■ Aerosol Adhesives Sorbents ■ Respirators ■ Ear & Eye Protection</p>
<p style="text-align: center;">↓ ↓</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 150px;">CONVERTING</div> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 150px;">DIE-CUTTING</div> </div>	<p style="text-align: center;">Laminating Adhesives ■ Screen Printable Adhesives Double-Lined Adhesives ■ Pigmented Label Adhesives Double-Coated Tapes ■ Opaque Attachment Tapes ■ Splicing Tapes Masking Tapes ■ Duct Tapes ■ Protective Films ■ Membrane Spacers Fastening Products ■ Process Liners ■ Sheeted Products</p>
<p style="text-align: center;">↓</p> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 200px; margin: 0 auto;">PACKAGING & SHIPPING</div>	<p style="text-align: center;">Box Sealing Tapes ■ Box Sealing Equipment ■ Packaging Tapes Tape Dispensers ■ Label Protective Tapes ■ Reinforcing Tapes Filament Tapes ■ Lane-Marking Tapes</p>
<p style="text-align: center;">↓</p> <div style="border: 1px solid black; background-color: red; color: white; padding: 5px; text-align: center; width: 200px; margin: 0 auto;">MAINTENANCE</div>	<p style="text-align: center;">Citrus Cleaner ■ Sorbents ■ 5-Way Penetrant ■ Filter Masks Packaging Tapes ■ ATG Applicators and Tapes ■ Duct Tapes Masking Tapes ■ Electrical Tapes ■ Safety-Walk Tapes and Treads</p>

THE PERFECT COMBINATION OF 3M INNOVATION, QUALITY, AND VALUE.

Whether you're working in commercial graphics, nameplates, decals and labels, P.O.P. and sign display, or membrane switch production, you'll find a world of 3M innovation waiting to help you increase productivity, effectiveness, and profitability. We've been in this business for a long time, and we understand the challenges you face every day. Talk to your 3M representative today and discover how our innovative solutions can help you produce top-quality products *and* still manage your material costs.

**SOLUTIONS THAT COVER YOU FROM THE
FRONT OFFICE TO THE SHIPPING DOCK.**



Product Use: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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