



Solvent-Based Ink Jet Media

3M, the leader in graphic media, offers you a variety of options for all your graphic applications from banners to fleet graphics, P.O.P. displays, trade show exhibits and more. The following media are backed by 3M's Performance Guarantee, which means that you can depend on unsurpassed quality and durability as you create uniform, consistent, solvent ink jet graphics.



Calendered Films

Scotchcal™ Graphic Film IJ35-10 & IJ35-20

Features: IJ35-10 (gloss) and IJ35-20 (matte) are opaque 3.2-mil calendered vinyl films for solvent ink jet printing. Feature clear permanent adhesive for excellent adhesion and reliable performance

Uses: Used for general sign applications

Widths: Available in 54" (50, 100 yd. rolls)

Durability: 3 years

Scotchcal™ Graphic Film IJ36-20

Features: 3-mil matte vinyl film with a changeable, pressure-sensitive adhesive. Designed for solvent or UV piezo inkjet printing.

Uses: For short-term king and queen board promotional graphics on transit vehicles or box trucks.

Widths: Available in 54" (50 yd. rolls) and 61.5" (50, 100 yd. rolls)

Durability: 1 year

Scotchcal™ Graphic Film IJ40C-10R & IJ40C-20R

Features: IJ40C-10R (gloss) and IJ40C-20R (matte) are 3-mil vinyl films with a removable, pressure-sensitive adhesive and Comply™ adhesive for easier, bubble-free application. Designed for solvent and UV-based piezo inkjet printing.

Uses: General indoor/outdoor graphics or for indoor floor graphics.

Widths: Available in 54" (50-yard rolls)

Durability: 5 years (floor applications - 3 months)

Scotchcal™ Graphic Film IJ46C-20

Features: IJ46-20 is a 4-mil matte vinyl film with a changeable, pressure-sensitive adhesive. It is designed for solvent and UV-based piezo inkjet printing where a good quality film is needed.

Uses: Short-term promotional bus back and wrap graphics on transit vehicles.

Widths: Available in 54" (50-yard rolls)

Durability: 1 year

Controltac™ Plus IJ160C

Features: 4-mil, white piezo ink jet film. This film has pressure-activated adhesive for easy, positionable installation. Suitable for use on flat surfaces without rivets.

Uses: Applications include emblems, striping, labels, vending machines, commercial vehicle markings and more.

Widths: Available in 48", 54" and 60" (25- and 50-yard rolls)

Durability: 5 years

Controltac™ Graphic Film IJ162

Features: This 4-mil white, opaque film has matte gloss and a pressure-activated, clear adhesive for excellent hiding power.

Uses: Use for short-term, durable floor graphics on sealed surfaces.

Widths: Available in 54" (50-yard rolls)

Durability: 1 year

3M also offers a variety of laminates to meet your specific application needs. Turn to page 22 for more information.

Scotchcal™ Changeable Graphic Film IJ3470

Features: This is a versatile, medium-term, removable graphic film with excellent hiding power, good scuff resistance and matte finish.

Uses: Used for short-term bus, fleet, interior and exterior signs.

Widths: Available in 48", 54" and 60" (25- and 50-yard rolls)

Durability: 1 to 2 years

Scotchcal™ Changeable Graphic Film IJ3555

Features: Use this 4-mil, opaque film to print durable graphics that are also changeable. The pressure-activated adhesive and Comply™ Performance allow easy, high-quality installations on flat surfaces.

Uses: Used for short-term bus, fleet, interior and exterior graphic signs that need to be positionable and removable.

Widths: Available in 30", 48", 54" and 60" (50-yard rolls)

Durability: 1 to 2 years



Banner Material

IJ51 Single-Sided

Features: This 12-ounce, vinyl-coated, scrimmed material offers you versatile imaging options. The edges can be finished with hems and grommets. For piezo inkjet printing.

Uses: Designed for indoor and outdoor, short-term promotional graphics.

Widths: Available in 53.5" and 80" (50-yard rolls)

Durability: 6 months

IJ52 Double-Sided

Features: This 15-ounce banner material has a smooth, scrim-reinforced construction. A built-in blockout layer prevents images from showing through. Designed for printing on one or both sides.

Uses: Single- or double-sided piezo ink jet printed banners.

Widths: Available in 53.5" and 80" (50-yard rolls)

Durability: 6 months



IJ53 Open Mesh Banner Material

Features: This coated PVC mesh, 7.5-ounce product is designed for piezo inkjet printing.

Uses: Indoor and outdoor, short-term promotional graphics.

Widths: Available in 2 m, 3.2 m and 5 m (50-meter rolls)

Durability: 6 months

IJ54 Open Mesh Banner Material

Features: This coated PVC mesh has a removable liner. 7.5-ounce product is designed for piezo inkjet printing.

Uses: Indoor and outdoor, short-term promotional graphics.

Widths: Available in 38" and 54" (82-ft. rolls)

Durability: 6 months





Cast Films

Controltac™ Plus IJ180C

Features: This is a 2-mil film that offers great versatility along with 3M's Comply™ Performance feature and repositionable adhesive for the easiest graphic application. *Also available without Comply.*

Uses: This medium- to long-term removable film is perfect for interior and exterior signs and fleet graphics, including surfaces with corrugations and rivets.

Widths: 30", 36", 48", 54" and 60" (25, 50 and 100 yd. rolls)

Durability: 5 to 7 years

This product is also available with Comply™ v2 adhesive for improved appearance due to non-visible release channels and a high-gloss finish.

Scotchcal™ Changeable Graphic Film IJ3552C

Features: This 2-mil film is intended for short-term vehicle graphics where fast, easy installation, and clean, easy removal are required. Includes 3M's Comply™ Performance feature.

Uses: Applications include automobile, bus, commercial vehicle or fleet graphics as well as general signage.

Widths: Available in 48" and 54" (50-yard rolls)

Durability: 1 to 2 years

Scotchcal™ Translucent Graphic Film IJ3630-20

Features: Use this 2-mil film for flat or thermoformed backlit graphics that have uniform color in both reflected and transmitted light. This white, translucent film has a synthetic lay-flat liner and clear, pressure-sensitive adhesive.

Uses: Provides low surface gloss for internally illuminated sign faces.

Widths: Available in 30" and 54" (25- and 50-yard rolls)

Durability: 4 years

Scotchcal™ Graphic Film IJ3650-10

Features: This film resists gasoline vapors and occasional petroleum spills. Its excellent, long-term, exterior durability makes it the perfect film for commercial vehicles and fleet graphics.

Uses: Use this film when piezo printing on VUTEk UltraVu™ Printers or the Scitex Pressjet-W™ Digital Press.

Widths: Available in 30", 48" and 60" (50-yard rolls)

Durability: 8 years

Also Available: Scotchcal™ Transparent Graphic Film IJ3650-114

Scotchcal™ Perforated Window Graphic Film IJ8171

Features: This 4-mil, removable vinyl film has a 50% perforation pattern that allows a full image to be seen from the outside while allowing good viewing from the inside. It is white on the image side, black on the adhesive side and has a high-gloss finish.

Uses: Ideal for short-term exterior bus graphics and commercial vehicle or fleet graphics.

Widths: Available in 36" and 53.5" (25 and 50 yd rolls)

Durability: Recommended for short-term exterior signage



Reflective Films

Scotchlite™ Reflective Graphic Film IJ5000

Features: Printable, 6-mil white film is retroreflective and has a pink, pressure-sensitive adhesive.

Uses: Use with selected piezo ink jet printers for short-term or permanent applications including emblems, vehicle markings, stickers and non-regulated industrial signage.

Widths: Available in 24" and 48" (50-yard rolls)

Durability: 18 months



Scotchlite™ Flexible Reflective Graphic Film IJ680-10

Features: It has pressure-activated adhesive for easy installation, and is designed for use with selected piezo ink jet printers.

Uses: Increase nighttime visibility.

Widths: Available in 36" and 48" (25-yard rolls)

Durability: 2 to 5 years

Scotchlite™ Changeable Reflective Graphic Film IJ5100R

Features: This removable, retro-reflective, 6-mil film is designed for piezo ink jet printing. Durable, flexible construction with superior angularity.

Uses: Well suited for short-term emblems, commercial vehicle markings, bus graphics, stickers and nonregulated industrial signage.

Widths: Available in 48" (50-yard rolls)

Durability: 18 months

Scotchlite™ Removable Reflective Graphic Film IJ680CR-10

Features: This easy-to-apply-and-remove 7-mil retro-reflective film features Comply™ Performance. It has similar daytime and nighttime appearance with excellent angularity and is approved for use with selected piezo ink jet printers.

Uses: Perfect for commercial-vehicle railroad graphics, stainless steel, corrugated surfaces and striping.

Widths: Available in 24" and 48" (25- and 50-yard rolls)

Durability: 2 to 5 years

Scotchcal™ Graphic Film for Textured Surfaces IJ8624

Features: 2-mil removable graphic film designed for solvent inkjet or electrostatic printing. When heated and applied with 3M's application tools and techniques, the film conforms to moderately textured surfaces, both flat and curved.

Uses: concrete, brick, industrial stucco and tile-like surfaces found in arenas, stadiums, restaurants, retail and other public venues

Widths: Available in 54" (25- and 50-yard rolls)

Durability: 1 year

Turn to page 17 for 3M's textured surface application tools.





Promotional Calendered Vinyl

Features: Available in 3.5-mil and 4-mil, this vinyl provides you with excellent lay-flat properties. The 90# poly liner provides for easy feed through all types of solvent ink jet printers. Four finishes: Matte White, Matte White Opaque, Gloss Clear and Gloss White.

Uses: Ideal for your promotional P-O-P displays and decals.

Widths: Available in permanent or removable adhesive in 54" and 60" (50-yard rolls).

Durability: 1 to 2 years outdoor

Cast Vinyl with UV Protection

Features: This 2-mil flexible cast vinyl gives you excellent UV resistance for long-lasting outdoor digital graphics. Its 90# poly seal liner lays flat for easy feeding through your solvent ink jet printer.

Uses: Ideal for adhering to irregular surfaces such as rivets and corrugated truck sides in fleet applications.

Widths: Available in 48", 54" and 60" (50-yd rolls, White and Clear).

Durability: 7 years outdoor

ImageVue Perforated Film 39500

Features: 8.0-mil matte white vinyl is an intermediate film punched for removable see-through graphics for windows, glass doors, and similar applications. Has 60-mil hole diameter with matte white finish on one side; black on the other.

Widths: Available in 54" (50-yard rolls).

Durability: 2 years

ClassicVue Perforated Film 39499

Features: 8.0-mil matte white vinyl is an intermediate film punched for removable see-through graphics for windows, glass doors, and similar applications. Has 80-mil hole diameter with matte white finish on one side; black on the other.

Widths: Available in 54" (50-yard rolls).

Durability: 2 years

FERRARI® STAMOID

Digital Media

Ferrari Stamoid textiles are designed to meet an endless variety of application requirements and offer flexibility, evenness, resistance to tearing and excellent durability.

Decomesh 221: a micro-perforated textile with exceptional dimensional stability and a light finish.

Mesh 331: offers blackout effect on the non-illuminated side with a totally even finish and extremely low wind impact.

SignIt 4696 Re-positionable self-adhesive textile: Easy to apply, re-apply, remove and re-use with no bubbles or folds.

Contact Midwest for more information on the entire line of Ferrari Stamoid media.



11-ounce Vinyl Banner Material

Features: 11-ounce scrim vinyl banner media is a high quality, laminated PVC scrim substrate. It is designed for use with eco-solvent, solvent, UV curable, and screen printing inks. ImageStar media provides outstanding image quality with superb dot control.

Uses: Ideal for lightweight banners in a competitive environment

Widths: 30", 38", 54", 63", 72" and 80" (131' rolls).

Durability: 1 to 2 years outdoor

Available in matte and gloss finishes.

13-ounce Vinyl Banner Material

Features: 13-ounce scrim vinyl banner material is a high-quality coated material for eco-solvent, solvent, UV-IR curable and screen ink sets. This 15-mil product provides outstanding image quality

Uses: Ideal for general purpose banners and posters with high tear resistance.

Widths: 30", 38", 54", 63", 72" and 80" (131' rolls).

Durability: 2 years outdoor

13-ounce SuperSmooth Block-Out

Features: SuperSmooth, semi-gloss, block-out, two-sided, printable banner material is a high quality, laminated scrim vinyl material, coated for eco-solvent, solvent, UV-IR curable and screen ink sets. This 14-mil product contains a polyester block-out layer for 100% opacity and light blocking for two-sided printing corrugated truck sides in fleet applications.

Uses: Ideal for indoor and outdoor signs and banners.

Widths: 30", 38", 54", 63", 72" and 80" (131' rolls).

Durability: 2 years outdoor



Pearl Solvent Digital Media

Pearl is an economical imported solvent digital product available in a 13 oz. single-sided and a 12 oz. two-sided smooth product that is compatible with both solvent and eco-solvent inks, is UV treated, fire retardant and available in many popular widths.



Check out our full line of digital printers starting on page 24.



BANTEX® BANNER MEDIA

Bantex® Banner media by Herculite® offers you the highest-quality scrim-vinyl material available, ensuring you consistent prints every time. The only banner line specifically designed for digital ink jet printing, this media is formulated to minimize and control dot gain, giving you clean, clear prints even on your most demanding jobs. Available in a variety of widths, it enables you to print finished banners from three feet to six feet wide.

All Bantex media is available in 25- and 50-yard rolls—shipped in guaranteed defect-free boxes. For your larger jobs, choose 100-yard rolls (wrapped with kraft paper). Contact your Midwest location for availability.

10-ounce Single-Sided

Features: This media has a superior surface to provide exceptional print quality and color uniformity. Its engineered stiffness and lay-flat ability are ideal for going through digital printers. Also works great for screen printing.

Uses: Perfect for efficient production of indoor and outdoor graphics.

Widths: Available in 37.5", 54", 61", 72" and 74.5"

Durability: 5 years indoor; 6 months outdoor

13-ounce Single-Sided Matte or Gloss

Features: Considered the workhorse of the industry, this strong banner material features a smooth print surface for demanding print jobs. Special wide widths and exceptional outdoor durability make this an ideal outdoor banner product.

Uses: Ideal for all outdoor applications including billboards, sign making and pole banners.

Widths: Matte available in 37.5", 54", 61" and 74.5"; Gloss available in 25", 30", 36", 54", 61" and 72" (50-yard rolls)

Durability: 5 years indoor; 12 months outdoor

13-ounce Blackout Curl Free

Features: Curl Free is a flame-retardant, laminated banner material that has a micro-textured surface for low dot gain and higher resolution printing on both sides of the material. You'll get great quality prints and predictable color that will more than meet the demands of today's graphics market.

Uses: Perfect for retractable and standard banner stands and other applications where edge curl is not desired.

Widths: Available in 36", 54" and 72"; (50-yard rolls)

Durability: 5 years indoor; 12 months outdoor

10- and 13-ounce Blackout (Double-Sided)

Features: Near photographic print quality with a micro texture smooth surface, it is 100% opaque. Bantex blackouts are formulated for the demanding screen and digital printer. You get consistent printability with predictable color clarity and accuracy for great-looking prints.

Uses: Perfect for applications where two-sided viewing is required.

Widths: Available in 37.5", 54", 61" and 74.5"

Durability: 5 years indoor; 4 months outdoor

10-ounce Wallcover

Features: Super-smooth printing surface offers you near-photo-quality printing and excellent durability. Apply with standard wallpaper hanging procedures; no special prep time is necessary.

Uses: Ideal for any indoor wall applications

Widths: Available in 54" and 55.5"

Durability: 7 years indoor only

12-ounce Billboard

Features: A gloss-face, durable material for 8-foot seamless banners with high impact appearance, easy printability and exceptional strength.

Uses: Great for pole banners, outdoor banners and stadium signage.

Widths: Available in 98" (100-yard rolls only)

Durability: 5 to 7 years indoor; 1 year outdoor

18-ounce Blackout

Features: When durability is essential, this media provides 100% opacity, superior strength and two-sided printing. It offers low cold crack, excellent resistance to wind whip and exceptionally long life.

Uses: Great for pole banners, outdoor banners and stadium signage.

Widths: Available in 37.5", 54" and 75"

Durability: 5 years indoor; 18 months outdoor

Cooley

COOLFLEX® Frontlit

Features: For frontlit graphics. Available in Gloss and Matte.

Uses: Perfect for a wide array of applications, including billboards, banners, murals and truck sides.

Widths: 12-ounce available in 54", 62", 72", 99", 126", 150", 174" and 196" (100-yard rolls); 14-ounce available in 150" and 196" (55-yard rolls)

Durability: 1 to 2 years

COOLGRIP®

Features: 8-ounce material utilizes a patented "hook & loop" process. Install and/or remove your larger banners quickly and easily.

Uses: Ideal for all larger applications.

Widths: Available in 62" and 72" (50-yard rolls)

Durability: 1 to 2 years

COOLMESH™

Features: Flexible, lightweight and durable to meet your precise application specifications. Available in 8-ounce weight.

Uses: Perfect where "breathable" graphics are required.

Widths: Available in 72" (50-yard rolls), 126" and 196" (55-yard rolls)

Durability: 1 to 2 years





The Magic® brand offers you a wide range of high-performance and reliable media options. And every choice is a good one because Magic is the brand that imaging professionals have come to rely on. Multiple media options are available for the most popular wide-format, water-based and solvent-based printers on the market. Below is a recap of the materials available from InteliCoat.



- Banner Material
- Display Films
- Photobase & Photorealistic Papers
- Wallcoverings
- Fabrics
- Solvent-Based Media
- Fine Art Folio
- Coated Matte Paper
- Pressure-Sensitive Vinyls
- Protective Laminates
- Printable Laminates
- Packaging/P.O.P Displays
- Mainstream™ Economical Outdoor Media



Intelicoat offers a material for almost any application. **Contact your Midwest rep to help you match the right media to your project.**



Fabric Media

Glen Raven Fabric Media offers a collection of printable fabrics, featuring three different fabric weights and constructions for a variety of sign and banner applications.

Poly Light 3: A three-ounce sheer polyester fabric.



Poly Oxford 8: A heavyweight polyester fabric.

Sunbrella® Inkjet 10: An ink jet version of a solution-dyed acrylic fabric with a natural canvas look.



All three fabrics are available in both 54-inch and 60-inch widths (60-yard rolls).



OVERLAMINATES

Overlaminates and clearcoats provide indoor and outdoor graphics with the ultimate line of protection against the elements, including defense against damaging UV rays. Produce a warranted Scotchprint® Graphic when used with specific 3M products.

Scotchcal™ Overlaminates

Luster Overlaminates 8509: clear 3-mil film that provides ultraviolet and physical protection to digitally-imaged graphics made with 3M promotional graphic films when used according to 3M's written instructions. It is designed for cold roll lamination only. *Available in 54" (50 yd. rolls) and 61" (100 yd. rolls).*

Gloss Overlaminates 8518: Provides a glossy paint-like finish optimized for the fast-growing vehicle wrap market. Its specifically designed for use with digitally printed graphics and has limited warranty coverage under the 3M Performance Guarantee. *Available in 54" (25, 50 and 100 yd. rolls).*

Luster Overlaminates 8519: 3M's workhorse cast vinyl overlaminate is extremely versatile and is an excellent choice for almost all graphic applications. *Available in 36", 48.5", 54" and 60" (25 and 50 yd. rolls).*

Matte Overlaminates 8520: Same excellent qualities as 8519, but with a matte finish where a flat sheen or minimal glare is required. *Available in 36", 48.5", 54" and 60" (25, 50 and 100 yd. rolls).*

Optically Clear Overlaminates 8914: Cast vinyl overlaminate with special film and adhesive construction that allows optimal clarity when used in conjunction with Scotchcal Perforated Window Graphic Films. *Available in 36", 48" and 54" (25 and 50 yd. rolls).*

Ultra-Matte Overlaminates 8915: This durable, UV-resistant overlaminate features pressure-sensitive adhesive. It provides warranted Scotchprint Graphics an extra layer of protection from damaging UV rays, and the ultra-matte finish minimizes the glare from interior lights. *Available in 49" and 54" (50 yd. rolls).*

Luster Overlaminates 3645: Designed for making durable, removable graphics for floors. Scuff resistant protection with outstanding dirt resistance. *Available in 36" 48" and 54" (25 and 50 yd. rolls).*

High Gloss Overlaminates 3648: Designed to provide a durable overlaminate on graphics for floors. Use to creating eye-catching point-of-purchase displays on floor surfaces. *Available in 48" and 54" (50 yd. rolls).*

Luster Overlaminates 8908: Features 3M's e-film technology to protect both indoor and outdoor short-term graphics where a luster gloss is desired. *Available in 54" (100 yd. rolls).*

Screen Print High Luster Protective Clear 8920: This weather-resistant, protective clear provides warranted protection against UV degradation when roller-coated on to your exterior graphic. It's an economical alternative to exterior-grade overlaminate film. *Available in gallons.*

