



# Controltac™ Removable Graphic Film with Comply™ Adhesive 3545C and RG3545C

*A good choice for the environment!*

For Piezo Inkjet, Screen and Electrostatic Printing

## Product Description

These are 4-mil films with a slideable and repositionable, pressure-activated adhesive with air release channels for fast and easy application. These films, which are removable, are ideal for medium-term graphics for fleet or commercial vehicles and indoor or outdoor graphic applications. They are designed for piezo inkjet, screen and electrostatic printing.

## 3M's Environmental Solutions

3M recognizes that sustainability involves much more than a product offering. You can learn about 3M's ISO certification, EHS Management system, 3P program, LCM review and other sustainability programs at [www.3m.com/sustainability](http://www.3m.com/sustainability). These programs exemplify how 3M strives to responsibly operate in a manner that can help make the world we live in a better place. That is why the Dow Jones Sustainability Index has included 3M in the index for 9 consecutive years.

3M is also taking steps at the product level by offering alternatives such as polyolefin film 3545C and RG3545C and polyolefin overlaminates 8908 and 8909, which have no monomeric plasticizers or polyvinylchloride in their constructions and are made with less solvent in manufacturing when compared to traditional solvent based adhesive products. Chloride free constructions such as these eliminate halogen related disposal concerns. When printed with UV ink, VOC emissions associated with solvent inks are dramatically reduced, resulting in a graphic construction that has less impact on the environment.

## Recommended Types of Graphics and End Uses

When constructed and used as described in this Bulletin, these types of graphics and end uses may be warranted by the 3M™ MCS™ Warranty and/or the 3M Performance Guarantee. Please read the entire Bulletin for details.

- Commercial vehicle, transit or fleet graphics, emblems or striping
- Outdoor and indoor graphics and signs
- Vending or dispensing machine and cooler graphics

## Limitations of End Uses

3M specifically does not recommend or warrant the following uses, but please contact us to discuss your needs or recommend other products.

### Unsuitable End Uses for This Film

- Graphics applied to:
  - Corrugated, channels, complex curves, highly-irregular surfaces or sharply raised areas
  - Flexible substrates
  - Non-3M films
  - Paint that is not thoroughly cured or dried
  - Substrate surfaces that are not clean and smooth (little or no variation in texture)
  - Stainless steel
  - Surfaces exposed to abrasion when clear 1920DR is used
  - Horizontal applications

- Graphic removal from:
  - Applications with poor paint-to-substrate adhesion
  - Existing graphic that must remain intact
  - Aged paint or metal that may have surface oxidation or chalking
- Graphics subjected to gasoline vapors or spills at gas pumps, automobile fuel-tank ports, or top-feeding petroleum tankers

## Wall Graphics

Two-mil cast films are typically the best choice for indoor smooth surface wall graphics, although four-mil films may be suitable for shorter term applications. In either case, the user is responsible for determining the product's suitability, including adhesion and, if required, removal characteristics. Due to the wide variability of smooth indoor walls, neither finished graphics nor removal is warranted, even for removable or changeable films. Instruction Bulletin 5.37 provides comprehensive information for the most successful wall graphics film selection and application.

## Important Information About Bus Applications

Film used on buses must not be applied so as to restrict the safe use of emergency window exits. See the most current version of Instruction Bulletin 5.4 for details.

## Compatible Products

### 3M Graphic Materials

This Bulletin provides details about the base film and construction options and warranty. Additional specific information about compatible products can be found in the Product and Instruction Bulletins listed in **3M Related Literature** at the end of this bulletin.

#### Piezo Inkjet Printers and Inks

See the Warranty Matrix to determine if you need an IJ or RG prefix film.

#### Ink Series

#### Printer

- 3M™ Piezo Inkjet Ink Series 2200UV EFI™ VUTEK® PV 200 Printer
- 3M™ Piezo Inkjet Ink Series 2600UVv2 3M™ Printer 2500UV
- 3M™ Piezo Inkjet Ink Series 2700UV Durst Rho 160R and 351R Printers
- 3M™ Piezo Inkjet Ink Series 2800UV EFI™ VUTEK® QS2000/QS3200 Printers
- 3M™ Piezo Inkjet Ink Series 5400UV HP Designjet H35000 and H45000
- 3M™ Piezo Inkjet Ink Series 1500v2 EFI™ VUTEK® 150, 2360/3360, 3300/5300 and 3000/5000 Printers
- 3M™ Piezo Inkjet Ink Series 4400 HP XLJet 1200 and 1500 Printers
- 3M™ Piezo Inkjet Ink Series 4600 HP Scitex Pressjet-W™ Printer
- 3M™ Piezo Inkjet Ink Series 4800 HP Scitex T.J8300 Series Digital Press
- 3M™ Piezo Inkjet Ink Series 6800 Océ Arizona 180 and 90 Printers

For the best results, order films for Scitex printers on a 6 inch notched core.

#### Screen Printing

- 3M™ Screen Printing Ink Series 1900

#### Electrostatic Imaging

- 3M™ Printer 2000
- 3M™ Trident Transfer Paper
- Scotchprint® Toner Series 8700/8800 ES

#### Graphic Protection Options

- 3M™ Scotchcal™ Luster Overlamine 8908
- 3M™ Scotchcal™ Matte Overlamine 8909
- 3M™ Scotchcal™ Luster Overlamine 8519
- 3M™ Scotchcal™ Matte Overlamine 8520
- 3M™ Scotchcal™ Ultra-Matte Overlamine 8915
- 3M™ Screen Printing Clear 1920DR
- 3M™ Scotchcal™ Gloss Overlamine 8518

#### Other Products

- 3M™ Premasking Tape SCPM-3
- 3M™ Prespacing Tape SCPS-55

## Characteristics

These are typical values for unprocessed product; processing may change the values. Contact your 3M representative for a custom specification.

### Physical Characteristics

Characteristic	Value
Material	Polyolefin
Color	White, opaque
Gloss	Matte
Thickness	<b>Without adhesive:</b> 4 mils (0.10 mm) <b>With adhesive:</b> 4.5 - 5 mils (0.11-0.13 mm)
Adhesive type	Pressure-activated, slideable, positionable, with air release channels
Adhesive color	Gray
Liner	Polyethylene-coated paper
Tensile strength	8 pounds/inch (0.1.4 kg/cm)
Adhesion <i>24 hours after application</i>	<b>Aluminum, anodized:</b> 2. -2.3 pounds/inch (0.37-0.41 kg/cm) <b>Fruehauf pre-painted panels:</b> 1.1-1.3 pounds/inch (0.19 0.23 kg/cm)
Chemical resistance	Resists mild alkalis, mild acids, salt and water <i>does not include immersion</i>
Flammability	Call 1-800-328-3908 for information

### Application Characteristics

Characteristic	Value
Finished graphic application recommendation	<b>Surface type:</b> <ul style="list-style-type: none"> <li>• <b>Most graphics:</b> Smooth, flat with or without rivets; simple curves</li> <li>• <b>Cleared with 1920DR:</b> Flat and smooth (no surface texture)</li> </ul> <b>Substrate type:</b> Acrylic, aluminum, glass (uncoated), painted metal, polycarbonate, rigid vinyl, PETG and smooth painted substrates <b>Application temperature:</b> 40°-100°F (4°-38°C) <i>air and substrate</i> <b>Application method:</b> Dry
Applied shrinkage	3-7 mils (0.08-0.18 mm)
Finished graphic exposure temperature	-40° to 200°F (-40° to +93°C)
Graphic removal	Removable with heat; leaves little or no adhesive residue <b>Removal temperature:</b> Minimum ambient and substrate temperature 28°F (-2°C)

## Warranty Information

The warranted durability given in the Product Bulletin that is current at the time you purchased the film is the one that 3M will honor. **The warranties in the following table(s), given in years, are for finished graphics exposed in a vertical exposure in the United States except the Desert Southwest.** See the warranty sections following this table for additional information.

## Warranty and Durability

See the 3M Graphics Center Warranty Brochure for the complete warranty and remedy details. The warranty given in the Product Bulletin that is current at the time you purchased the film is the one that 3M will honor.

### 3M™ MCS™ Warranty for Finished Graphics Piezo Inkjet Printed Constructions

Veh = Vehicle Graphics  
Out = Outdoor Signage  
In = Indoor Signage

Printer	VUTEk 150, 2360/ 3360, 3300/5300, 3000/5000	HP XLJet Series 1200, 1500	HP Scitex Pressjet -W	HP Scitex TJ8300 Series Digital Press	Oce Arizona 180 and 90										
Ink Series	1500v2	4400	4600	4800	6800										
Graphic Protection	Use IJ Films			Use IJ Films			Use IJ Films			Use IJ Films			Use RG films		
	Veh	Out	In	Ven	Out	In	Ven	Out	In	Ven	Out	In	Ven	Out	In
8519, 8520	3	3	5	3	3	5	3	3	5	3	3	5	3	3	5
8908, 8909	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3
8915	3	3	5	3	3	5	3	3	5	3	3	5	3	3	5
1920DR	—	—	—	—	—	—	—	3	5	—	3	5	—	3	5

Printer	VUTEk PV200	3M Printer 2500UV	Durst Rho 160R and 351R	VUTEk QS2000 and QS3200	HP Designjet H35000 and H45000										
Ink Series	220UV	2600UV	2700UV	2800UV	5400UV										
Graphic Protection	Use IJ Films			Use IJ Films			Use IJ Films			Use IJ Films			Use IJ Films		
	Ven	Out	In	Ven	Out	In	Ven	Out	In	Ven	Out	In	Ven	Out	In
8519, 8520	3	3	5	3	3	5	3	3	5	3	3	5	—	—	—
8908, 8909	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3
8915	3	3	5	3	3	5	3	3	5	3	3	5	—	—	—

### 3M™ MCS™ Warranty for Finished Graphics Electrostatic and Screen Printed Constructions

Vertical Exposure, Durability in Years						
Platform	Electrostatic			Screen Print		
Toner/Ink	8700/8800			1900		
Graphic Protection	Veh	Out	In	Veh	Out	In
8519	—	—	—	3	3	5
8520	—	—	—	3	3	5
8908	1	1	3	1	1	3
8909	1	1	3	1	1	3
1920DR	—	—	—	—	3	4

### 3M™ MCS™ Warranty for Non-Vertical and Desert Southwest

Use the years of warranted durability indicated in the tables above for your graphic construction and the following formulas to determine other durabilities.

Exposure	Percentage of U.S. Vertical Exposure	Example
Desert Southwest - Vertical	70% (0.7)	0.7 x 5 years= 3.5 years

**3M Performance Guarantee**  
Graphic Constructions  
and Durability  
For 3M Product Performance Only

Graphics constructed as described in the table below are eligible for the 3M Performance Guarantee when exposed in a vertical exposure in the United States. This warranty covers the performance of only the recommended 3M products used in the graphic construction when imaged with the printers and OEM inks listed in the most current version of Performance Guarantee Printer and Ink Matrix at [www.3Mgraphics.com](http://www.3Mgraphics.com). That Matrix may also list certain restrictions for using the film covered in this Bulletin. 3M will honor the warranty given in the version of this Bulletin that was current at the time you purchased the film.

Film	Graphic Protection	Vehicle	Outdoor Indoor	Inks and Printers
3545C	8518 8519 8520	2	2	See the Performance Guarantee Printer and Ink Matrix at <a href="http://www.3Mgraphics.com">www.3Mgraphics.com</a>

**Removal Warranty**  
for 3M™ MCS™ Warranty and  
Performance Guarantee

**Removal Labor  
Reimbursement**

If the film cannot be successfully removed or an excessive amount of adhesive residue remains on the surface, 3M will reimburse a portion of extra removal costs.

Removal requires heat and/or chemicals. The ease and rate of removal depends on a number of factors. See Instruction Bulletin 6.5 for details. No labor for the actual removal is included in the warranty.

Removal requires heat and/or chemicals. The ease and rate of removal depends on a number of factors. See Instruction Bulletin 6.5 for details.

Orientation	Remedy
Vertical	Same as Warranted Durability

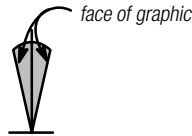
**Removal  
Warranty  
Exceptions**

- Removal from painted or unpainted wallboard is not warranted.
- Removal from a pre-existing graphic will damage that graphic.
- Aged paint and metals must be tested to ensure removability. Surface oxidation or chalking may result in adhesive residue upon removal.
- Paint that is not firmly bonded to the substrate may be damaged when removing the film.
- Paint that is not properly cured may prevent the film from being removed.

**Warranty Details and  
General Exceptions**

**Definitions**

**Vertical Exposure**



The face of the graphic is  $\pm 10^\circ$  from vertical.

**Desert Southwest**

Graphics exposed to solar energy more than half of the time in Arizona, New Mexico and the desert areas of California, Nevada, Utah and Texas. A detailed map is available upon request.

**Vehicles**

Refers to commercial fleet, buses, vans and automobiles unless otherwise noted.

**Signs**

Graphics applied outdoors and exposed to the elements.

## Graphic Performance Life

The actual performance life of a graphic is affected by all of the following.

- Correct combination of 3M-recommended graphics products
- Ink formulation
- Adequate ink drying and/or UV curing
- Selection and preparation of the substrate
- Surface texture
- Application methods
- Angle and direction of sun exposure
- Environmental conditions
- Cleaning or maintenance methods

## Application Outside the U.S.

Contact the 3M organization for that country.

## Graphics Made with Components Not Sold or Recommended by 3M

The 3M™ MCS™ Warranty does not cover finished graphics made with other manufacturers' inks, film, graphic protection and/or application tapes. The user is solely responsible for the graphic appearance, performance and durability of graphic constructions that include non-3M graphic products.

The 3M Performance Guarantee covers selected 3M graphic products when used with qualified printers and OEM inks. See Product Bulletin: PG Matrix.

## Rivets and Contoured Surfaces

This film will tent around rivets or contoured surfaces, which is not covered by any 3M warranty.

## Application to Glass

3M accepts no liability for glass breakage when using this film for window graphics. See Instruction Bulletin 5.1 for details.

## Graphic Protection

All graphics require graphic protection in order to be warranted. Abrasion damage and gloss loss are not covered.

## Warranty and Limited Remedy

The following is made in lieu of all other express or implied warranties, including any implied warranty of **merchantability** or fitness for a particular purpose or implied warranty arising out of a course of dealing, custom or usage of trade: all 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in this Product Bulletin. 3M will replace or refund the price of any 3M materials that do not meet this warranty within the specified time periods. These remedies are exclusive. **In no case shall 3M be liable for any direct, indirect, or consequential damages, including any labor or non-3M materials charges.**

See the Graphics Market Center Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

## Piezo Inkjet Printing

### Ink

Always read and follow the ink manufacturer's written instructions on usage.

### Total Ink Coverage for 3M™ MCS™ Warranty and Performance Guarantee Constructions

The maximum recommended total ink coverage for this film is:

**270%** when printed with all approved 3M piezo solvent inks.

**280%** when printed with all approved 3M UV inks.

**250%** when printed on the Mimaki JV5 Series printer with HS ink series (Performance Guarantee).

Do not exceed the recommended total ink coverage for the ink series used on this film. Too high a total physical ink amount on the film results in media characteristic changes, inadequate drying, overlamine lifting, and/or poor graphic performance. Refer to the Product & Instruction Bulletin for the ink system being used for additional details about total ink coverage.

## Color Profiles

This film accepts ink differently than you may be accustomed to. Make sure you use the appropriate printer profile and machine calibrations.

Immediately after printing with solvent ink, the top layer of the film remains soft for several hours. During this time, abrasion and pressure to the printed surface can mar it. Allow the film to dry, *unrolled*, for at least 8 hours at least 75°F (24°C) before applying an overlamine or screen-printed clear coat, cutting, trimming, mounting or applying the graphic.

## Important Note! *Adequately Dry Graphics*

Inadequate drying can result in graphic failure including curling, increased shrinkage and adhesion failure, which are not covered under warranty.

Always build enough time into your process to ensure adequate drying of the graphic. Poorly dried film may become soft and stretchy, and the adhesive may become too aggressive. This can cause difficulty when applying an overlamine, rolling the graphic, and applying the film. See the ink's Instruction Bulletin for more details.

## Electrostatic Printing

- For electrostatic imaging, refer to Product Bulletin Trident and Instruction Bulletin 4.7.
- Graphic protection is required for a graphic to be warranted.

## Screen Printing

Graphic protection is required for a graphic to be warranted.

## Graphics Manufacturing



### CAUTION Heat Sensitivity when Processing this Film

This film can be more heat sensitive than vinyl film. Do not subject it to excessive heat during graphic fabrication. Excessive heat may cause the graphic to shrink or curl. Heated rollers may mar the surface.

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### CAUTION Surface Abrasion Sensitivity when Fabricating this Film

#### Protect the Printed Graphic

After printing, this film has less abrasion resistance than vinyl film. Be careful not to scratch or mar the surface prior to applying the overlamine or clear coat.

#### Apply an Application Tape When Using 1920DR

Screen print clear 1920DR provides limited abrasion resistance. Always use an application tape, handle gently during installation, and do not mar the surface with tools after the application tape is removed.

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## Graphic Protection

Graphic protection is required for all warranted graphics.

- Clears 1920DR should be applied by screen printing.
- Overlaminates must be applied with a cold roll laminator.

## Cutting

This film is suitable for cutting shapes larger than 8 inches, but not for numbers or copy.

- Guillotine
- Hand cut
- Cold steel-rule die
- Electronic

## Application Tapes

### When to Use Premasking Tape

- As an application aid to increase stiffness, and prevent stretching and damage during application.
- When little or no liner is exposed.

### When to Use Prespacing Tape

- Hold cut and weeded letters or graphics in registration after removing the film liner.
- Protect cut graphic parts from scratching or damage during application.
- Use when large amounts of liner are exposed.

## How to Select a Tape

Determine whether you want to premask the graphic or prespace cut pieces of film such as letters. Then locate the graphic protection on your graphic in the table below and use the corresponding tape. See Instruction Bulletin 4.3 for complete details.

**EXAMPLE:** If the film is protected by overlamine 8519 and you want to premask the film, use premasking tape SCPM-3.

Tape	Graphic Protection				
	None	8519 8520	8908 8909	1920DR	8518
Premasking SCPM-3	■ <sup>1</sup>	■	■	■	NR
Prespacing SCPS-55	■ <sup>2</sup>	■	NR	■	NR

*NR: A construction using this graphic protection is not recommended for cut graphics.*

1. All solvent inks.

2. All UV inks.

## Application and Installation

Install the film using the dry application method.

Refer to the **3M Related Literature** section, located at the end of this bulletin, for a list of the Instruction Bulletins that may be needed to apply or install this film.

### Adhesive

This film has a pressure-activated adhesive that allows the film to slide easily on the substrate, be positioned with light finger pressure, and repositioned if it is not in the right place. However, by design so that a good adhesive bond is established, the positionability feature is lost when firm pressure with a squeegee or other application tool is applied, at application temperatures above 100°F (38°C) even if only light finger pressure was used for tacking, and if any part of the film is removed from the original liner and reapplied to the same or another liner.

Solvent from piezo inkjet ink that has not completely dried also affects slideability and positionability.

These films also have air release channels, a characteristic of Comply adhesive. Removing and attempting to change liners or reapply the same liner damages air release channels.

*Continued on the next page.*

Always work from the center out to the edges of the graphic to allow trapped air to exit through the air release channels. If the channels are closed off by firm pressure and air is trapped, use an air release tool to aid in removing air bubbles. See Instruction Bulletin 5.4 for details.

### Working with Rivets

This film will tent when applied over rivets. If the rivets are closely spaced, the film will bridge between rivets. Tented or bridged film may fail prematurely, which is not covered by the 3M MCS warranty or 3M Performance Guarantee. For the best appearance and durability, 3M recommends cutting around the rivet, removing the circle of film, and then re-squeegeeing around the rivet.

### CAUTION

#### Heat Sensitivity when Applying this Film

This film can be more heat sensitive than vinyl film. Do not subject it to excessive heat during graphic application. Excessive heat may cause the graphic to shrink or curl. When applying over rivets, use a heat gun or torch only to heat only the rivets.

## Maintenance and Cleaning

Use a cleaning system designed for high-quality painted surfaces. They must be wet, non-abrasive, without strong solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline).

## Shelf Life, Storage and Shipping

### Shelf Life

**Total shelf life: 2 years** from the date on the original box  
Up to 2 years unprocessed, **OR** process within 1 year **and** apply within 1 year of processing

### Storage Conditions

- 40° to 100°F (4° to 38°C)
- Out of sunlight
- Clean dry area
- Original container
- Bring the film to print room temperature before using

### Shipping Finished Graphics

Flat, or rolled printed side out on 5 inch (13 cm) or larger core. This helps prevent the liner and, if used, the application tape from popping off.

## Health and Safety



### CAUTION

When handling any chemical products, read the manufacturers' container labels and the Material Safety Data Sheets (MSDS) for important health, safety and environmental information. To obtain MSDS sheets for 3M products go to [3M.com/MSDS](http://3M.com/MSDS), or by mail or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

### Heavy Metals

To the best of our knowledge, film 3545C does not contain any intentionally added Lead (Pb), Cadmium (Cd), Hexavalent Chromium (Cr6+) or Mercury (Hg), polybrominated diphenyl compounds (PBB) or polybrominated diphenyl ether compounds (PBDE). The user is responsible for determining and complying with all applicable standards and regulations.

## 3M Related Literature

Before starting any job, be sure you have the most current Product and Instruction Bulletins.

The information in 3M Product and Instruction Bulletins is subject to change. Current Bulletins are available at [3Mgraphics.com](http://3Mgraphics.com). The following applicable Bulletins provide information and processes you need to properly make the graphics described in this Bulletin. Additional Bulletins may be needed as indicated in the 3M Related Literature section of other 3M components you use.

Bulletin types: PB = Product Bulletin; PB-IB = Product & Instruction Bulletin; IB = Instruction Bulletin

Subject	Type	Bulletin No.
3M™ Piezo Inkjet Ink Series 2200UV	PB-IB	2200UV
3M™ Piezo Inkjet Ink Series 2600UVv2	PB-IB	2600UVv2
3M™ Piezo Inkjet Ink Series 2700UV	PB-IB	2700UV
3M™ Piezo Inkjet Ink Series 2800UV	PB-IB	2800UV
3M™ Piezo Inkjet Ink Series 1500v2	PB-IB	1500
3M™ Piezo Inkjet Ink Series 4400	PB-IB	4400
3M™ Piezo Inkjet Ink Series 4600	PB-IB	4600
3M™ Piezo Inkjet Ink Series 4800	PB-IB	4800
3M™ Piezo Inkjet Ink Series 5400UV	PB-IB	5400UV
3M™ Piezo Inkjet Ink Series 6800	PB-IB	6800
3M™ Screen Printing Ink Series 1900 and Overprint Clear VIO402	PB	1900
- Screen printing with ink series 1900 - line color	IB	3.12
- 4-color	IB	3.11
3M™ Trident Transfer Paper	PB	Trident
Scotchprint® Toner Series 8700/8800	PB	8700
- Using toner series 8700/8800	IB	4.12

Subject	Type	Bulletin No.
Transferring and laminating electrostatically printed images	IB	4.7
3M™ Scotchcal™ Luster Overlamine 8519 and 8520	PB	8519/8520
3M™ Piezo Inkjet Protective Clear 8530	PB	8530
3M™ Scotchcal™ Luster Overlamine 8908	PB	8908
3M™ Scotchcal™ Matte Overlamine 8909	PB	8909
3M™ Scotchcal™ Ultra-Matte Overlamine 8915	PB	8915
3M™ Screen Print Gloss Clear 1920DR - Applying screen printing clear 1920DR	PB IB	1900 3.12
Performance Guarantee Printer Matrix	PB	PG Matrix
Design of graphics	IB	2.1
Scoring and cutting	IB	4.1
Using 3M application tapes; premasking and prespacing for films	IB	4.3
Cold roll lamination	IB	4.22
Application, substrate selection, preparation and substrate-specific application techniques	IB	5.1
Application techniques for automobiles, vans and buses and inspection forms	IB	5.36
A guide to understanding and applying graphics to common indoor and outdoor wall surfaces	IB	5.37
Storage, handling, maintenance, removal	IB	6.5
3M Graphics Center Warranty Brochure	Go to <a href="http://www.3Mgraphics.com">www.3Mgraphics.com</a> , Warranties	

## Warranties

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*EFI is a trademark and VUTEk is a registered trademark of EFI Inc.; Pressjet-W is a trademark of Hewlett-Packard Company; All other trademarks are the property of their respective owners.*

## Bulletin Change Summary

Added Environmental Solutions statement on page 1. Added ink series 2600UVv2 and 4400, added overlamine 8915, and added Durst Rho 351R Printer (for ink series 2700UV) to Compatible Products. The proper name for the printer used with ink series 5400UV is HP Designjet H35000 and H45000. Corrected value conversions for tension strength and applied shrinkage in the Characteristics tables on page 3. For piezo inkjet printing, the maximum recommended total ink coverage for this film is **270%** when printed with all approved 3M piezo solvent inks; **280%** when printed with all approved 3M UV inks; **250%** when printed on the Mimaki JV5 Series printer with HS ink series (Performance Guarantee).



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