



Performance Guarantee Printer, Ink, Film and Graphic Protection Matrix

Printers and Inks				3M Graphic Films																			
Manufacturer	Printer	Inks	Notes	LJ180-10	LJ180C-10	LJ180Cv3-10	LJ170Cv3	LJ380Cv3-10 *	LJ355C	LJ3630-20	LJ3650-10	LJ3650-114	LJ160-10	LJ160C-10	LJ162-10	LJ3470	3545C	LJ3555	LJ680	LJ680CR	LJ5100R	LJ5100	
Epson	Stylus® Pro GS6000	UltraChrome™ GS	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fujifilm	MaxJet	Color+AI		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gandinnovations	Jeti 3312, 3324	ET		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Jeti 3312, 3324, 5024	HLv2		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HP	Designjet L65500	HP 786 Latex	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Designjet 8000, 9000, 10000	HP 790		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HP ColorSpan	Designjet 8000, 9000, 10000	HP 791		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	DisplayMaker® 72s, 98s	HPSC100		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	DisplayMaker® 72UV	HPSC200	■ ★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Designjet H35000/45000	HP 788UV	■ ★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HP Scitex	Scitex TURBOjet	TJ100 Supreme		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Scitex XLJet	XL200, XL300 Supreme		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mimaki	JV33, JCJV30 Series	SS21 Series		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	JV3 Series	MS, SS2 Series		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	JV3 Series	ES Series	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	JV5 Series	ES Series	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	JV5 Series	HS Series		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Graphic Protection Options Refer to the base film's Product Bulletin before selecting a graphic protection option.

Overlamine 8518	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8519	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8520	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8915	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clear 1920DR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clears 9720i, 9720UV	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8580					●																		
Overlamine 3645													●										

LIMITATIONS	
Corrugated Surfaces	● Printer/Ink/Film combinations with blue cells are not warranted for use on corrugated surfaces.
Film LJ380Cv3	▲ Use film LJ380Cv3 and overlamine 8580 for autowraps and watercraft only.
Clears 9720i, 9720UV	■ These clears are not compatible with any ink series adjacent to the green cells in the Notes column.
UV Inks	★ UV inks can be brittle. Use only for graphics applied to flat or simple curves.
Total Ink Coverage	270% for most films and printers is 270%. Exceptions: 250% for all Reflective Films and Mimaki JV5 Series with HS ink series.
Limitation of Liability	With the exception of 3M branded products, 3M does not represent that any printer or printer accessory recommended in 3M literature will meet customer requirements, any federal, state or local regulations, or any applicable safety standards. Such determination is the responsibility of the printer owner.
Performance Guarantee	The 3M Performance Guarantee warrants the following for 3M Graphic Films and Graphic Protection: physical defects, manufacturing defects, printing and cutting defects, stated warranted durability, fitness for use, adhesive to specified substrates, and removal for removable/changeable film. This is not a finished graphics warranty. The only remedy is replacement of 3M product used in the construction. See the 3M Graphics Center Warranty Brochure for complete details.



Performance Guarantee Printer, Ink, Film and Graphic Protection Matrix

Printers and Inks

3M Graphic Films

Manufacturer	Printer	Inks	Notes	3M Graphic Films																		
				IJ180-10	IJ180C-10	IJ180Cv3-10	IJ170Cv3	IJ380Cv3-10 *	IJ3552C	IJ3630-20	IJ3650-10	IJ3650-114	IJ160-10	IJ160C-10	IJ162-10	IJ3470	3545C	IJ3555	IJ680	IJ680CR	IJ5100R	IJ5100
Mutoh	Falcon II Outdoor	Eco-Ultra™ Series	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Spitfire, Blizzard	MS Plus	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Toucan	Toucan Solvent		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Toucan LT	LT Ink Series		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Toucan LT	Eco-Ultra™ Series	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Valuejet 1204,1304,1604,1614	Eco-Ultra™ Series	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Valuejet 1608	MUBIO	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oce	CS6060	IJC610		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	CS9050, CS9060, CS9160	IJC930	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Roland®	SOLJET Pro II Series	Eco-Sol Max	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	SOLJET Pro III Series	Eco-Sol Max	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	VersaCAMM® Series	Eco-Sol Max	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Seiko	Advanced Jet	EcoXtreme		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	ColorPainter™ 64S	EG-Outdoor		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EFIT™ VUTEK®	H74s, H104s	EG-Outdoor-EX		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	QS3200r	QSR UV	■ *	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	150, X300, X360	UltraVu Series 5		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Graphic Protection Options

Refer to the base film's Product Bulletin before selecting a graphic protection option.

Overlamine 8518	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8519	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8520	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8915	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clear 1920DR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clears 9720i, 9720UV	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Overlamine 8580					●																
Overlamine 3645													●								

LIMITATIONS

Corrugated Surfaces	● Printer/Ink/Film combinations with blue cells are not warranted for use on corrugated surfaces.
Film IJ380Cv3	* Use film IJ380Cv3 and overlamine 8580 for autowraps and watercraft only.
Clears 9720i, 9720UV	■ These clears are not compatible with any ink series adjacent to the green cells in the Notes column.
UV Inks	* UV inks can be brittle. Use only for graphics applied to flat or simple curves.

Total Ink Coverage 270% for most films and printers is 270%. Exceptions: 250% for all Reflective Films and Mimaki JV5 Series with HS ink series.

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Performance Guarantee The 3M Performance Guarantee warrants the following for 3M Graphic Films and Graphic Protection: physical defects, manufacturing defects, printing and cutting defects, stated warranted durability, fitness for use, adhesive to specified substrates, and removal for removable/changeable film. This is not a finished graphics warranty. The only remedy is replacement of 3M product used in the construction. See the 3M Graphics Center Warranty Brochure for complete details.

3M Graphic Films and Media for Piezo Inkjet Printing with a 3M Performance Guarantee

Some Films and Graphic Protection may not be used with your printer and ink. Always refer to the applicable Warranty Matrix for the recommended graphic constructions.

Film/Media	Mils or Weight	Color	Adhesive	Features	Product Bulletin
3MT™ ControItac™ Graphic Film IJ160-10	4	White	PA	Slideable, Repositionable*; Removable	PIJ160/160C
3MT™ ControItac™ Graphic Film IJ160C-10	4	White	PA/C	Same as IJ160 with Comply adhesive air release channels	
3MT™ ControItac™ Graphic Film IJ162-10	4	White or Clear	PA	Slideable, Repositionable*; Removable	PIJ162
3MT™ ControItac™ Graphic Film IJ180-10	2	White	PA	Slideable, Repositionable*; Conformable over rivets and corrugations; Removable and/or chemicals; Suitable for watercraft	PIJ180/180C
3MT™ ControItac™ Graphic Film with Comply™ Adhesive IJ180C-10	2	White	PA/C	Same as IJ180 with original Comply adhesive air release channels	
3MT™ ControItac™ Graphic Film with Comply™ v3 Adhesive IJ180Cv3-10	2	White	PA/Cv3	Same as IJ180 with Comply v3 adhesive non-visible air release channels; improved air flow	
3MT™ ControItac™ Graphic Film with Comply™ Adhesive IJ380Cv3-10	2	White	PA	Slideable, Repositionable*; Non-visible air release channels, excellent air flow; Highly conformable over rivets and corrugations; Removable without heat or chemicals; For vehicle and watercraft wraps only	PIJ380Cv3
3MT™ Scotchcal™ Graphic Film IJ3470	4	White	PSA	Removable	PIJ3470
3MT™ ControItac™ Removable Graphic Film with Comply™ Adhesive 3545C	4	White	PA/C	Polyolefin; Slideable, Repositionable*; Air release channels; Removable	3545C
3MT™ ControItac™ Changeable Graphic Film with Comply™ Adhesive IJ3552C	2	White	PA/C	Slideable, Repositionable*; Air release channels, Changeable	PIJ3552C
3MT™ Scotchcal™ Translucent Graphic Film IJ3630-20	2	Translucent or white	PSA	Superior layflat characteristics; Permanent	PIJ3630
3MT™ Scotchcal™ Graphic Film IJ3650-10, IJ3650-114	2	White or Clear	PSA	Permanent	PIJ3650
3MT™ Scotchlite™ Reflective Graphic Film IJ5100R	6	Reflective white	PSA	Removable from approved flat painted substrates	5100R
3MT™ Scotchlite™ Reflective Graphic Film IJ5100	6	Reflective white	PSA	Permanent	5100
3MT™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive IJ680CR-10	7-8	Reflective white	PA/C	Slideable only**; Air release channels; Conformable over corrugations and rivets; Removable; Improved Performance!	PIJ680CR
3MT™ Scotchcal™ Gloss Overlaminante 8518	2	Clear	PSA	Luster or Matte, for selected sign graphics	GP-1
3MT™ Scotchcal™ Luster Overlaminante 8519 or Matte Overlaminante 8520	2	Clear	PSA	Luster for most graphics or Matte for most graphics except reflective film	GP-1
3MT™ Scotchcal™ Gloss Overlaminante 8580	1.2	Clear	PSA	Gloss, for vehicle wraps using film IJ380Cv3 only	GP-1
3MT™ Scotchcal™ Luster Overlaminante 8908 or Matte Overlaminante 8909	2	Clear	PSA	Luster or Matte for selected use on film 3545C	GP-1
3MT™ Scotchcal™ Ultra-Matte Overlaminante 8915	2	Clear	PSA	Ultra-matte, for reducing glare	GP-1
3MT™ Scotchcal™ Luster Overlaminante 3645	8	Clear	PSA	Luster, for floor graphics	GP-1
3MT™ Screen Print Dirt Resistant Gloss Clear 1920DR	n/a	Clear	None	Gloss, screen print clear	1900
3MT™ Screen Print Gloss Clear 9720UV	n/a	Clear	None	Gloss, UV-cured screen print clear	9700UV
3MT™ Screen Print UV Gloss Clear 9720i	n/a	Clear	None	Gloss, UV-cured screen print clear improved!	9720i

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DisplayMaker is a trademark of Hewlett Packard ColorSpan; Stylus and UltraChrome are trademarks of Epson America, Inc.; Eco-Ultra is a trademark of Mutoh Company; ColorPainter is a trademark of Seiko Company; Roland and VersaCAMM are trademarks of Roland DGA Company; VUTEk is a trademark of EFI VUTEk Company. All other trademarks are the property of their rightful owner.

Film is forward wound on an unnotched core.

White film is opaque unless otherwise noted.

PSA = Pressure-sensitive adhesive
 PA = Pressure-activated adhesive
 PA/C = Same as PA with Comply adhesive
 PC/Cv3 = Same as PA with Comply v3 adhesive

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Warranty and Limited Liability. 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: 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 the film or media's Product Bulletin. Also see the Graphics Market Center Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.