



3M™ MCST™ Warranty

Finished Graphics Warranty Period *in years* for Vertical Graphics made with 3M Film, Inks and Graphic Protection using Approved Printers
IMPORTANT! This is only a guide. See the film's Product Bulletin for the most current warranties. Also review notes at the end of the matrix.

		SOLVENT INKS																LATEX INKS																																	
Printer Manufacturer		EFI™				HP Scitex				HP Scitex				Agfa [Gandinnovations]				Seiko I Infotech				HP																													
Printer Model		VUTEk® 150, 2360/3360, 3300/5300,3000/5000				XL1200, XL1500				TJ8300 and TJ8350 Industrial Presses				:Jeti 3312, 3318, 3324, 5024				ColorPainter™ H-74s, H-104s, H2-74s and H2-104s				HP Designjet L65500; Scitex LX600, LX800, LX820, LX850																													
Ink Series		SOLVENT 3M Ink Series 1500v2				SOLVENT 3M Ink Series 4400				SOLVENT 3M Ink Series 4800				SOLVENT 3M Ink Series 6200				SIIT GX 3M Ink Series				HP 3M LX600 Specialty Latex Ink																													
Film	Notes	Graphic Protection				vehicle				outdoor				watercraft				indoor				Notes	vehicle				outdoor				watercraft				indoor																
		vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor		vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor																	
2 MIL GRAPHIC FILMS																																																			
IJ170Cv3	G	8518, 8519, 8520, 8915	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	D	5	4	2	7	5/2	4	2	7	—	—	—	—	—	—	—	—				
	D	8528, 8548G	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8		5/2	4	2	7	—	—	—	—	—	—	—	—								
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	—	—	—		—	—	—	—	—	—	—	—												
		1920DR	3	3	2	5	—	—	—	—	3	3	2	5	5	4	2	8	3	3	2	5	3	3	2	5	3	3	2	5		2	2	—	3	—	—	—	—	—	—	—	—								
		9740i	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8		—	—	—	—	—	—	—	—	—	—	—	—								
		8530	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—												
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	3	—	3	—	2	—	2	—	—	—	—		—	—	—	—	—	—	—	—												
IJ180-10 IJ180C-10 IJ180Cv3-10	G	8518, 8519, 8520, 8915	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	7	4	2	8	D	5	4	2	7	5/2	4	2	7	—	—	—	—	—	—	—	—	—	—	—	—
	D	8528, 8548G	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8	7/2	4	2	8		5/2	4	2	7	—	—	—	—	—	—	—	—								
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—												
		1920DR	3	3	2	5	—	—	—	—	3	3	2	5	5	4	2	8	3	3	2	5	3	3	2	5	3	3	2	5		2	2	—	3	—	—	—	—	—	—	—	—								
		9740i	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8	5	4	2	8		—	—	—	—	—	—	—	—	—	—	—	—								
		8530	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—												
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	3	—	3	—	2	—	2	—	—	—	—		—	—	—	—	—	—	—	—												
IJ380Cv3	A, D	8548G	5/2	—	2	—	5/2	—	2	—	5/2	—	2	—	5/2	—	2	—	5/2	—	2	—	5/2	—	2	—	5/2	—	2	—	A, D	5/2	—	2	—	3	—	2	—	2	—	2	—								
		8580	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—													
		1920DR	3	—	2	—	—	—	—	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	2	—	2	—	—	—	—	—													
480Cv3	G	8518, 8519, 8520, 8915	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	4	2	8	D	5	4	2	7	5/2	4	2	7	—	—	—	—	—	—	—	—								
	D	8548G	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7/2	4	2	8		5/2	4	2	7	—	—	—	—																
		1920DR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	2	5		2	2	—	3	—	—	—	—																
		9740i	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	4	2	8		—	—	—	—	—	—	—	—																
		none	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2		—	—	—	—	—	—	—	—																
IJ8150	G	8518, 8519, 8520, 8915, 8914	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8	D	3	3	—	5	3/2	3	—	8	—	—	—	—	—	—	—	—								
	D	8528	3/2	3	—	8	3/2	3	—	8	3/2	3	—	8	3/2	3	—	8	3/2	3	—	8	3/2	3	—	8		3/2	3	—	8	3/2	3	—	8																
		1920DR	3	3	—	5	—	—	—	—	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	3	—	—	—	—																
		9740i	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8	3	3	—	8		—	—	—	—	—	—	—	—																
		none	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2		—	—	—	—	—	—	—	—																
IJ181	G	8518, 8519, 8520, 8915	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8		5	3	—	5	—	—	—	—	—	—	—	—	—	—	—	—								
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	—	—	—		—	—	—	—	—	—	—	—																
		1920DR	3	3	—	5	—	—	—	—	3	3	—	5	5	4	—	8	3	3	—	5	3	3	—	5		2	2	—	3	—	—	—	—																
		9740i	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8	5	4	—	8		—	—	—	—	—	—	—	—																
IJ3552C	B,G	8518, 8519, 8520, 8915	2/1	2/1	—	2/1	2/1	2/1	—	2/1	2/1	2/1	—	2/1	2/1	2/1	—	2/1	2/1	2/1	—	2/1	2/1	2/1	—	2/1	B	2/1	2/1	—	2/1	—	—	—	—	—	—	—	—												
		1920DR	—	—	—	—	—	—	—	—	2/1	2/1	—	2/1	—	—	—	—	—	—	—	—	2/1	2/1	—	2/1		—	—	—	—	—	—	—	—																
		9740i	2/1	2/1	—	2/1	2/1	2/1	—	2/1	2/1	2/1	—	2/1	—	—	—	—	—	—	—	—	2/1	2/1	—	2/1		—	—	—	—	—	—	—	—																
IJ3630-20	C	3619, 3620	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	C	—	5	—	7	—	—	—	—	—	—	—	—	—	—	—	—								
	G	8518, 8519, 8520, 8915	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	4	—	6	—	—	—	—																
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	—	—	—		—	—	—	—	—	—	—	—																
		1920DR	—	3	—	5	—	—	—	—	—	3	—	5	—	4	—	8	—	3	—	5	—	3	—	5		—	2	—	3	—	—	—	—																
		9740i	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	—	—	—	—	—	—	—																
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	2	—	2	—	2	—	2		—	—	—	—	—	—	—	—																



		Printer Manufacturer	SOLVENT INKS																LATEX INKS												
			EFI™				HP Scitex				HP Scitex				Agfa [Gandinnovations]				Seiko Infotech				HP								
			VUTEk® 150, 2360/3360, 3300/5300,3000/5000				XL1200, XL1500				TJ8300 and TJ8350 Industrial Presses				:Jeti 3312, 3318, 3324, 5024				ColorPainter™ H-74s, H-104s, H2-74S and H2-104s				HP Designjet L65500; Scitex LX600, LX800, LX820, LX850 Printers								
		Printer Model		SOLVENT 3M Ink Series 1500v2				SOLVENT 3M Ink Series 4400				SOLVENT 3M Ink Series 4800				SOLVENT 3M Ink Series 6200				SIIT GX 3M Ink Series				HP 3M LX600 Specialty Latex Ink							
Ink Series				vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	vehicle	outdoor	watercraft	indoor	Notes	vehicle	outdoor	watercraft	indoor			
Film	Notes	Graphic Protection																						Notes							
2 MIL GRAPHIC FILMS, continued																															
J3650-10 J3650-114	G	3619, 3620	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8		—	5	—	7
		8518, 8519, 8520, 8915	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	4	—	6
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3		—	—	—	—
		1920DR	—	3	—	5	—	—	—	—	—	3	—	5	—	4	—	8	—	3	—	5	—	3	—	5		—	2	—	3
		9740i	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	—	—	—
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	2	—	2	—	2	—	2		—	—	—	—
J3730-50 J3730-60	C	3619, 3620	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	—	6	—	8	C	—	5	—	7
	G	8518, 8519, 8520, 8915	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	4	—	6
		8908, 8909	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3	—	1	—	3		—	—	—	—
		1920DR	—	3	—	5	—	—	—	—	—	3	—	5	—	4	—	8	—	3	—	5	—	3	—	5		—	2	—	3
		9740i	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8	—	4	—	8		—	—	—	—
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	2	—	2	—	2	—	2		—	—	—	—
4 MIL GRAPHIC FILMS																															
J160-10 J160C-10	G	8518, 8519, 8520, 8915	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	4
		8528	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	4
		1920DR	3	3	—	5	—	—	—	—	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	2
		9740i	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		—	—	—	—
		8530	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	—	—	—	—		—	—	—	—
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	3	—	3	—	2	—	2	—	2	—	2		—	—	—	—
J162-10 J162-114		3645	—	—	—	1	—	—	—	1	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—		—	—	—	1
J3470	G	8518, 8519, 8520, 8915	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	4
		1920DR	3	3	—	5	—	—	—	—	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		2	2	—	2
		9740i	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5	3	3	—	5		—	—	—	—
		8530	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	2	2	—	3	—	—	—	—		—	—	—	—
		none	—	2	—	2	—	2	—	3	—	2	—	3	—	2	—	3	—	2	—	2	—	2	—	2		—	—	—	—
3545C	G	8518, 8519, 8520, 8915	3	3	—	5	3	3	—	5	3	3	—	5	—	—	—	—	3	3	—	5	—	—	—	—		—	—	—	—
		8908, 8909	1	1	—	3	1	1	—	3	1	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—
		1920DR	3	3	—	5	—	—	—	—	3	3	—	5	—	—	—	—	3	3	—	5	—	—	—	—		—	—	—	—
J3555	G	8518, 8519, 8520, 8915	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2		2	2	—	2
		1920DR	2	2	—	2	—	—	—	—	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2		2	2	—	2
		9740i	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2		—	—	—	—
		8530	2	2	—	2	2	2	—	2	2	2	—	2	2	2	—	2	—	—	—	—	—	—	—	—		—	—	—	—
		none	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2		—	—	—	—
J8171		8914, 8518	1	2	—	5	1	2	—	5	—	—	—	—	—	—	—	—	1	2	—	5	—	—	—	—		—	—	—	—



		SOLVENT INKS																				LATEX INKS									
		EFI™				HP Scitex				HP Scitex				Agfa [Gandinnovations]				Seiko I Infotech				HP									
		VUTEk® 150, 2360/3360, 3300/5300,3000/5000				XL1200, XL1500				TJ8300 and TJ8350 Industrial Presses				.Jeti 3312, 3318, 3324, 5024				ColorPainter™ H-74s, H-104s, H2-74S and H2-104s				HP Designjet L65500; Scitex LX600, LX800, LX820, LX850 Printers									
		SOLVENT 3M Ink Series 1500v2				SOLVENT 3M Ink Series 4400				SOLVENT 3M Ink Series 4800				SOLVENT 3M Ink Series 6200				SOLVENT SIIT GX 3M Ink Series				HP 3M LX600 Specialty Latex Ink									
Film	Notes	Graphic Protection				vehicle	outdoor	railroad	indoor	vehicle	outdoor	railroad	indoor	vehicle	outdoor	railroad	indoor	vehicle	outdoor	railroad	indoor	vehicle	outdoor	railroad	indoor	Notes	vehicle	outdoor	railroad	indoor	
REFLECTIVE FILMS																															
IJ680-10		8518, 8519	7	4	4	8	7	4	4	8	7	4	4	8	7	4	4	8	7	4	4	8	7	4	4	8		5	4	—	7
IJ680CR-10		1920DR	3	3	3	5	—	—	—	—	3	3	3	5	5	4	4	8	3	3	3	5	3	3	3	5		2	2	—	2
		9740i	5	4	4	8	5	4	4	8	5	4	4	8	5	4	4	8	5	4	4	8	5	4	4	8		—	—	—	—
		None	—	2	—	3	—	2	—	3	—	2	—	3	—	3	—	3	—	2	—	3	—	2	—	3		—	—	—	—
IJ5000		8518, 8519	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5		—	—	—	—
		1920DR	1.5	1.5	—	1.5	—	—	—	—	—	—	—	—	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5		—	—	—	—
		9740i	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5	1.5	1.5	—	1.5		—	—	—	—
IJ5100R		8518, 8519	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4		3	2	—	3
IJ5100		1920DR	3	3	—	3	—	—	—	—	3	3	—	4	4	3	—	4	3	3	—	3	3	3	—	3		2	2	—	2
		9740i	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4	4	3	—	4		—	—	—	—
FLEXIBLE SUBSTRATES																															
Panagraphics III		3619, 3620	—	6	—	8	—	6	—	8	—	—	—	—	—	6	—	8	—	6	—	8	—	6	—	8		—	5	—	7
	G	8518, 8519, 8520, 8915	—	4	—	8	—	4	—	8	—	—	—	—	—	4	—	8	—	4	—	8	—	4	—	8		—	4	—	6
	E	None	—	2	—	3	—	2	—	3	—	—	—	—	—	2	—	3	—	—	—	—	—	—	—	—		—	—	—	—

Notes

- A Film IJ380Cv3 with overlamine 8580 or 8548G are for auto and watercraft wraps only.
- B IJ3552C is 2 years when applied to flat and simple curved surfaces; 1 year when applied to compound curved surfaces, heated and stretched to conform.
- C IJ3630 or IJ3730 may be applied to 3M™ Panagraphics™ III Wide-Width Flexible Substrate or 3M™ Panaflex™ Flexible Substrate 945GPS.
- D For overlamine 8528 or 8548G, the first number represents the vertical warranty and the second number the horizontal warranty on vehicle graphics.
- E Direct printing without an overlamine requires printing in the double-strike mode (Ink Series 1500V2 or 6200) or SD Backlit mode (Ink Series 4400).
- G Clear 8915 is not approved for or warranted for use with Seiko I Infotech's GX 3M Ink Series.

DISCLAIMER: 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.

3M Graphic Films and Media for Inkjet Printing with a 3M™ MCS™ Warranty

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

Film/Media	FN Version Available	Mils/Weight	Color	Adhesive	Features	Product Bulletin
3M™ Envion™ Print Wrap Film 480Cv3		2	White	PA/Cv3	High performance non-PVC; Slideable, Repositionable; Non-visible air release channels; Removable	480Cv3
3M™ Controltac™ Graphic Film IJ160-10		4	White	PA	Slideable, Repositionable; Removable	PU160/160C
3M™ Controltac™ Graphic Film IJ160C-10		4	White	PA/C	Same as IJ160 plus air release channels	
3M™ Controltac™ Graphic Film IJ162-10, IJ162-114		4	White or Clear	PA	Slideable, Repositionable; Removable	PU162
3M™ Scotchcal™ Graphic Film with Comply™ Adhesive IJ170Cv3-10		2	White	PS/Cv3	Conformable over rivets and corrugations; Non-visible air release channels; Excellent air flow; Removable with heat and/or chemicals; Suitable for watercraft.	IJ170Cv3
3M™ Controltac™ Graphic Film IJ180-10		2	White	PA	Slideable, Repositionable; Conformable over rivets and corrugations; Removable with heat and/or chemicals; Suitable for watercraft	PU180/180C
3M™ Controltac™ Graphic Film with Comply™ Adhesive IJ180C-10	Yes	2	White	PA/C	Same as IJ180 plus air release channels	
3M™ Controltac™ Graphic Film with Comply™ v3 Adhesive IJ180Cv3-10	Yes	2	White	PA/Cv3	Same as IJ180 plus non-visible air release channels; excellent air flow	
3M™ Controltac™ Graphic Film IJ181		2	White	PS	Designed for application to stainless steel; permanent	IJ181
3M™ Controltac™ 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	IJ380Cv3
3M™ Scotchcal™ Translucent Graphic Film IJ3630-20		2	Translucent white	PS	Superior layflat characteristics; Permanent	PU3630
3M™ Scotchcal™ Graphic Film IJ3650-10, IJ3650-114	Yes	2	White or Clear	PS	Permanent	PU3650
3M™ Envion™ Translucent Film IJ3730-50 or IJ3730-60		2	Translucent white	PS	Permanent; Clear synthetic liner; Optimized for LED lighting applications	IJ3630/3730
3M™ Scotchcal™ Graphic Film IJ3470		4	White	PS	Removable	PU3470
3M™ Controltac™ Removable Graphic Film with Comply™ Adhesive 3545C		4	White	PA/C	Polyolefin; Slideable, Repositionable; Air release channels; Removable	3545C
3M™ Controltac™ Changeable Graphic Film with Comply™ Adhesive IJ3552C-10	Yes	2	White	PA/C	Slideable, Repositionable; Changeable for cleanest removal	PU3552C
3M™ Scotchcal™ Changeable Graphic Film IJ3555		4	White	PS	Low temperature application; Removable without heat/chemicals	PU3555
3M™ Scotchlite™ Reflective Graphic Film IJ5000		6	Reflective white	PS	Permanent	5000
3M™ Scotchlite™ Reflective Graphic Film IJ5100R		6	Reflective white	PS	Removable	5100R
3M™ Scotchlite™ Reflective Graphic Film IJ5100		6	Reflective white	PS	Permanent	5100
3M™ Scotchlite™ Reflective Graphic Film IJ680-10		7-8	Reflective white	PA	Slideable*; Conformable over corrugations and rivets; Permanent	PU680
3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive IJ680CR-10		7-8	Reflective white	PA/C	Slideable*; Air release channels; Conformable over corrugations and rivets; Removable	PU680CR
3M™ Scotchcal™ Clear View Graphic Film IJ8150		2	Clear	PS	Optically clear, Removable	PU8150
3M™ Scotchcal™ Perforated Window Graphic Film IJ8171		4	Perforated	PS	50% perforation pattern; Removable	PU8171
3M™ Panagraphics™ III Wide Width Flexible Substrate		22 oz/sq yd	Translucent white	None	Flexible sign face; Seamable	P3
Films with an IJ prefix are forward wound on unnotched cores. Films with an FN prefix are forward wound on a notched core.			White film is opaque unless otherwise noted		PS = Pressure-sensitive adhesive PA = Pressure-activated adhesive PA/C = Pressure-activated with Comply Adhesive PA/Cv3 = Pressure-activated with Comply version 3 Adhesive PS/Cv3 = Pressure-sensitive with Comply version 3 Adhesive * Reflective films are slideable. Repositioning them may damage the optical properties.	
Overlaminate		Mils/Weight	Color	Adhesive	Features	Product Bulletin
3M™ Envion™ Gloss Wrap Overlaminate 8548G		2	Clear	PS	Gloss, High performance non-PVC	GP-1
3M™ Scotchcal™ Luster Overlaminate 3619		2	Clear	PS	Luster, for selected sign graphics	GP-1
3M™ Scotchcal™ Matte Overlaminate 3620		2	Clear	PS	Matte, for selected sign graphics	GP-1
3M™ Scotchcal™ Gloss Overlaminate 8518		2	Clear	PS	Gloss, for most graphics	GP-1
3M™ Scotchcal™ Luster Overlaminate 8519		2	Clear	PS	Luster, for most graphics	GP-1
3M™ Scotchcal™ Matte Overlaminate 8520		2	Clear	PS	Matte, for most graphics	GP-1
3M™ Scotchcal™ Gloss Overlaminate 8528		2	Clear	PS	Gloss, high performance, superior UV protection	GP-1
3M™ Scotchcal™ Gloss Overlaminate 8580		1.2	Clear	PS	Gloss, for vehicle wraps on film IJ380Cv3 only	GP-1
3M™ Scotchcal™ Luster Overlaminate 8908		2.5	Clear	PS	Luster, non-vinyl, short term	GP-1
3M™ Scotchcal™ Matte Overlaminate 8909		2.5	Clear	PS	Matte, non-vinyl, short term	GP-1
3M™ Scotchcal™ Optically Clear Overlaminate 8914		2	Clear	PS	Optically clear gloss, for windows or selected clear films	GP-1
3M™ Scotchcal™ Ultra Matte Overlaminate 8915		1	Clear	PS	Ultra matte, reduces glare	GP-1
3M™ Scotchcal™ Luster Overlaminate 3645		8	Clear	PS	Luster, for floor graphics	GP-1
3M™ Piezo Ink Jet Protective Clear 8530		n/a	Liquid Clear	None	Luster, aqueous	8530
3M™ Screen Print Dirt Resistant Gloss Clear 1920DR		n/a	Liquid Clear	None	Gloss, solvent screen print clear	1900
3M™ Screen Print UV Gloss Clear 9740I		n/a	Liquid Clear	None	Gloss, UV- cured screen print clear	UV Clears

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