# **3M Commercial Graphics**

for printers made by



# 3MTM NCSTM Varranty for HP Designjet, HP Scitex & HP Latex Printers



3M <sup>™</sup> MCS <sup>™</sup>	Warranty for HP Designjet, HP S	citex & HP	Late	x Prir	iters																		
Printers:			LX600	), LX800	/820/85	i0, Desi	gnjet L6	5500					Scitex L	X600/80	0/820, La	tex 820/8	350, Desig	njet L65	500				]
lnk:	T		HP 3N	1 LX600	Special	ty Latex	Ink						HP LX6	10 Latex	Ink, a 3M	™ MCST	<sup>™</sup> Warrant	ty Compo	nent				
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet			ior Sign surface			ior Sign surface		Interior		Fleet		Exte	rior Sign surface	– 1st	Exter	ior Sign · surface	- 2nd	Interior	
			1	2	3	1	2	3	1	2	3		1	2	3	1	2	3	1	2	3		
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SC8580, SC8580M	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	_	-	96	
		non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96	
LX480Cv3**		vertical	60	48	36	48	36	24	-	-	-	96	72	60	48	48	36	24	-	_	-	-	
2X400000	8548G, 8549L	non-vertical	30	24	18	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96	
		horizontal	15	12	9	12	9	6	-	-	-	96	18	15	12	12	9	6	-	-	-	96	
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	60	
		non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	60	4,
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	SC8580, SC8580M, 8548G, 8549L	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	-	96	
IJ380-10 IJ380-20		non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96	
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	-	
	1020DH	non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	-	
	unprotected	vertical	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	
IJ180–10	SC8518, SC8520, SC8580*, SC8580M*,	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	_	96	
IJ180C-10 IJ180Cv3-10	SC8915	non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	_	96	
13100003-10	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	96	
		non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	96	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SC8518, SC8520	vertical	60	48	36	48	36	24	-	-	-	96	60	48	36	36	24	12	-	-	-	96	
IJ160-10		non-vertical	30	24	18	24	18	12	-	-	-	96	30	24	18	18	12	6	-	-	-	96	
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	96	
		non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	96	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-		-	
	SC8518, SC8520, SC8580*, SC8580M*	vertical	60	48	36	48	36	24	-	-	-	60	60	48	36	36	24	12	-	-	-	60	
IJ170Cv3-10		non-vertical	30	24	18	24	18	12	-	-	-	60	30	24	18	18	12	6	-	-	-	60	
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	60	
		non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	60	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
Series 70	IJ70-114, SC8518, SC8520	vertical	60	48	36	48	36	24	-	-	-	96	60	48	36	36	24	12	-	-	-	60	
		non-vertical	30	24	18	24	18	12	-	-	-	96	30	24	18	18	12	6	-	-	-	60	
48-20	unprotected	vertical	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	
48-20R 48C-20	8048G	vertical	48	42	30	36	36	24	-	-	-	60	48	42	30	36	36	24	-	-	-	60	
48C-20R		non-vertical	24	21	15	18	18	12	-	-	-	60	24	21	15	18	18	12	-	-	-	60	

Since graphic durability is largely determined by climate the durability of a product will vary according to the geographical location of the application.

The warranties listed in the tables are grouped into three geographical zones and different types of exposure. Statements are indicated in months.

Zone 1: Austria, Baltic States, Belarus, Belgium, Bosnia, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greenland, Hungary, Iceland, Ireland, Italy (North of Rome), Kazakhstan, Liechtenstein, Luxembourg, Moldova, Montenegro, Netherlands, Norway, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, UK, Ukraine

Zone 2: Albania, Armenia, Azerbaijan, Bulgaria, Corsica, Crete, Georgia, Greece, Italy (South of Rome), Kyrgyzstan, Macedonia, Malta. Portugal, Sardinia, South Africa, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan

Zone 3: Afghanistan, Bahrain, Cyprus, Dubai, Israel, Kuwait, Iran, Iraq, Jordan, Lebanon, Oman, Pakistan, Qatar, Saudi Arabia, Syria, UAE, Yemen, Algeria, Angola, Benin, Botswana, Burkina, Burundi, Cameroon, CAR, Chad, Congo, Djibouti, Egypt, Eritrea, Gabon, Ghana, Guinea, Ivory Coast, Libya, Liberia, Madagascar, Mali, Mauritania, Morocco, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somali Republic, Sudan, Togo, Tunisia, Uganda, Zaire, Zambia, Zimbabwe

# Important Notice:

Graphics used on the exterior of any type of vehicle or subjected to abrasion or chemical require a 3M Protective Overlaminate.

Given statements are based on normal use of the product. See product bulletin for the specific 3M film for limitations of end use.

continuation next page \* Use of this overlaminate does not bypass general limitations of the base film with deep contour applications.

\*\* Use of LX480Cv3 needs special application techniques. Film temperature above 100°C is needed to conform the film into deeper recesses after application. See product bulletin for instructions.

		1																					1
Printers:							x 820/8							LX800/8			L65500						-
Ink:			HP LX	-610 La	atex Ink		M MCS™						HP 3M	LX600 Sp	becialty L	1							
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet		Exterior Sign – 1st surface			Exterior Sign – 2nd surface		Interior		Fleet		Exter	rior Sign surface			ior Sign surface	– 2nd	Interior	Types of exposure Vertical	
			1	2	3	1	2	3	1	2	3		1	2	3	1	2	3	1	2	3		The face of the graphic is $\pm 10^{\circ}$ from vertice
	unprotected	vertical	-	-	-	36	36	24	36	36	36	60	-	-	-	36	36	24	36	36	36	60	face of graphics
Series 40 - white gloss & matte	5000200 500040M	vertical	48	42	30	36	36	24	-	-	-	84	48	42	30	36	36	24	-	-	-	84	
	SC8038G, SC8040M	non-vertical	24	21	15	18	18	12	-	-	-	84	24	21	15	18	18	12	-	-	-	84	· · · · · · · · · · · · · · · · · · ·
Series 40 -	unprotected	vertical	-	-	-	36	36	24	36	36	24	60	-	-	-	36	36	24	36	36	24	60	
transparent gloss &	0000000 0000 4014	vertical	36	36	24	36	36	24	-	-	-	60	36	36	24	36	36	24	-	-	-	60	V
matte	SC8038G, SC8040M	non-vertical	18	18	12	18	18	12	-	-	-	60	18	18	12	18	18	12	-	-	-	60	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	_	-	
CT3545C	SC8908, SC8909, SC8038G, SC8040M	vertical	36	24	18	36	24	18	-	-	-	60	36	24	18	36	24	18	-	-	_	60	Non-vertical
	unprotected	vertical	-	-	-	18	15	12	-	-	-	36	-	-	-	18	15	12	-	-	-	36	The face of the graphic is greater than 10° from verical and greater than 5° from
Series 25	SC8008G, SC8010M	vertical	18	15	12	18	15	12	-	-	_	36	18	15	12	18	15	12	-	-	-	36	horizontal. This includes non-vertical surface
	unprotected	vertical	-	-	-	12	9	6	6	6	6	24	_	-	-	12	9	6	6	6	6	24	of vehicle wraps or fleet truck and trailer graphics.
Series 20	SC8008G, SC8010M	vertical	12	9	6	12	9	6	_	-	_	24	12	9	6	12	9	6	_	-	-	24	
	unprotected	vertical	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	face of graphics
		vertical	72	60	48	48	36	24	_	_	_	96	72	60	48	48	36	24	_	_		96	
SL680-10 CR E	SC8518, SC8520	non-vertical	36	30	24	24	18	12	_	_	_	96	36	30	24	24	18	12	_	_	_	96	
		vertical	24	18	12	24	18	12	_	_	_	-	24	18	12	24	18	12	_	_	_	60	
	1920DR	non-vertical	12	9	6	12	9	6			_		12	9	6	12	9	6			_	60	
	unprotected	vertical	-	-	-	-	_	_	_	_	_	_	-	_	-	-	_	_	_	_	_	-	-
IJ5100-10 IJ5100R-10	SC8518, SC8520	vertical	48	36	24	36	24	12	_	_	_	60	48	36	24	36	24	12	_	_	_	60	
	unprotected	vertical	-	50	24		24	-	_	_	_	00	-		-		-	-	_	_	_	_	Horizontal The face of the graphic is ±5°from horizontal.
SC8173	SC8914i	vertical	12	12	12	12	12	12	_	_	_	24	12	12	12	12	12	12	_	_	_	24	
		vertical	-	- 12	-	-	-	-	_	_	-	60	-	-	-	-	-	-	_	_	_	-	-
SC8150	unprotected SC8150	vertical	60	48	36	36	24	12	60	48	36	60	60	48	36	48	36	24	60	48	36	60	face of graphics
IJ162-10, IJ162-114	SC3645			40			-	-	- 00	40		12		40		40		-		40		12	V
IJ25-10R	SC3649	horizontal	-		-	-	-	-	-		-	3			-	_	-	-	_	_	_	3	1
1J23-10K		horizontal		-	-					-		-	-	-		-	- 10		_			-	/
112620.00	unprotected	vertical	-	-	-	24	18	12	-	-	-	24	_	-	-	24	18	12	-	-	_	24	
IJ3630-20	SC8518, SC8520	vertical	-	-	-	48	36	24	_	-	-	96	-	-	-	48	36	24	-	-	-	96	4
	1920DR	vertical	-	-	-	36	24	12	-	-	-	60	-	-	-	36	24	12	-	-	-	60	4
	unprotected	vertical	-	-	-	24	18	12	-	-	-	24	-	-	-	24	18	12	-	-	-	24	4
IJ3730-50	SC3619, SC3620	vertical	-	-	-	72	60	48				96	-	-	-	72	60	48				96	4
IJ3730-60	SC8518, SC8520, SC8915,9740I UV	vertical	-	-	-	48	36	24	-	-	-	96	-	-	-	48	36	24	-	-	_	96	4
	1920DR	vertical	-	-	-	36	24	12	-	-	-	60	_	-	-	36	24	12	-	-	-	60	4
Panagraphics III	unprotected	vertical	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-	-	-	-	48	
3	SC8518, SC8520	vertical	-	-	-	24	18	12	-	-	-	48	_	-	-	48	36	24	-	-	-	48	
FS-1	unprotected	vertical	-	-	-	-	-	-	_	-	-	48	-	-	-	-	-	-	-	-	-	48	
	SC8518, SC8520	vertical	-	-	-	24	18	12	_	-	_	48	-	_	- 1	24	18	12	_	_	_	48	

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Printers:			Designj	et L2610	0/26500/2	28500; La	atex 210/2	260/280					HP Late	x 3000 Pi	rinter			-				
Ink:			HP 792	Latex Ink	k, a 3M™	MCS™ \	Varranty	Compone	nt				HP 881	Latex Ink	, a 3M™	MCS™	Warranty	Compone	ent			
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet		Exte	rior Sign surface		Exter	ior Sign surface	– 2nd	Interior		Fleet		Exte	rior Sign surface		Exter	ior Sign surface	– 2nd	Interior
			1	2	3	1	2	3	1	2	3		1	2	3	1	2	3	1	2	3	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SC8580, SC8580M	vertical	72	60	48	48	36	24	_	-	_	96	72	60	48	48	36	24	-	-	-	96
		non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96
LX480Cv3**		vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	-	96
LX4000V3	8548G, 8549L	non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96
		horizontal	18	15	12	12	9	6	-	-	-	96	18	15	12	12	9	6	-	-	-	96
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	60
	1320011	non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	60
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SC8580, SC8580M,	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	-	96
IJ380-10 IJ380-20	8548G, 8549L	non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96
	1920DR	vertical	24	18	12	24	18	12	-	-	-	-	24	18	12	24	18	12	-	-	-	-
	192000	non-vertical	12	9	6	12	9	6	-	-	-	_	12	9	6	12	9	6	-	-	_	-
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-
IJ180–10	SC8518, SC8520, SC8580*, SC8580M*,	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	-	96
IJ180C-10 IJ180Cv3-10	SC8915	non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96
13100043-10	1920DR	vertical	24	18	12	24	18	12	-	-	-	96	24	18	12	24	18	12	-	-	-	96
	1320011	non-vertical	12	9	6	12	9	6	-	-	-	96	12	9	6	12	9	6	-	-	-	96
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SC8518, SC8520	vertical	60	48	36	36	24	12	-	-	-	96	60	48	36	36	24	12	-	-	-	96
IJ160-10		non-vertical	30	24	18	18	12	6	-	-	-	96	30	24	18	18	12	6	-	-	-	96
	1920DR	vertical	24	18	12	24	18	12	-	-	-	96	24	18	12	24	18	12	-	-	-	96
	1320011	non-vertical	12	9	6	12	9	6	-	-	-	96	12	9	6	12	9	6	-	-	-	96
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SC8518, SC8520,	vertical	60	48	36	36	24	12	-	-	-	60	60	48	36	36	24	12	-	-	-	60
IJ170Cv3	SC8580*, SC8580M*	non-vertical	30	24	18	18	12	6	-	-	-	60	30	24	18	18	12	6	-	-	-	60
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60	24	18	12	24	18	12	-	-	-	60
		non-vertical	12	9	6	12	9	6	-	-	-	60	12	9	6	12	9	6	-	-	-	60
	unprotected	vertical	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
Series 70	IJ70-114, SC8518,	vertical	60	48	36	36	24	12	-	-	-	60	60	48	36	36	24	12	-	-	-	60
	SC8520	non-vertical	30	24	18	18	12	6	-	-	-	60	30	24	18	18	12	6	-	-	-	60

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 $^{\star}$  Use of this overlaminate does not bypass general limitations of the base film with deep contour applications.

\*\* Use of LX480Cv3 needs special application techniques. Film temperature above 100°C is needed to conform the film into deeper recesses after application. See product bulletin for instructions.

3M <sup>™</sup> MCS <sup>™</sup> War	ranty for HP Latex Printers																					
Printers:			Designi	et   2610	0/26500/	28500 <sup>.</sup> La	atex 210/2	260/280					HP Late	ex 3000 F	rinter							
Ink:							Narranty (		nt					Latex Inl			Warrant	v Compo	nent			
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet	, u olii		rior Sign surface	– 1st		ior Sign surface	– 2nd	Interior		Fleet	<u>, u om</u>	Exterior Sign – 1st surface			1	Exterior Sign – 2nd surface		
			1	2	3	1	2	3	1	2	3		1	2	3	1	2	3	1	2	3	
48-20	unprotected	vertical	_	_	_	_	_	_	_	_	_	_	_	-	-	_	_	_	-	-	_	_
48-20R		vertical	48	42	30	36	36	24	_	_	_	60	48	42	30	36	36	24	_	_	_	60
48C-20 48C-20R	8048G	non-vertical	24	21	15	18	18	12	_	_	_	60	24	21	15	18	18	12	-	_	_	60
100 2011	unprotected	vertical		_		36	36	24	36	36	36	60	24	-	-	36	36	24	36	36	36	60
Series 40 -		vertical	48	42	30	36	36	24				84	48	42	30	36	36	24			50	84
white gloss & matte	SC8038G, SC8040M	non-vertical	24	21	15	18	18	12	_	_	_	84	40 24	21	15	18	18	12	-		_	84
	unprotected	-			15								24		15					-	-	
Series 40 -	unprotected	vertical	-	-	-	36	36	24	36	36	24	60	-	-	-	36	36	24	36	36	24	60
transparent gloss & matte	SC8038G, SC8040M	vertical	36	36	24	36	36	24	-	-	-	60	36	36	<sup>′</sup> 24	36	36	24	-	-	-	60
		non-vertical	18	18	12	18	18	12	-	-	-	60	18	18	12	18	18	12	-	-	-	60
CT3545C	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-
	SC8908, SC8909, SC8038G, SC8040M	vertical	36	24	18	36	24	18	-	-	-	60	36	24	18	36	24	18	-	-	-	60
Series 25	unprotected	vertical	-	-	-	18	15	12	-	-	-	36	_	-	-	18	15	12	-	-	-	36
	SC8008G, SC8010M	vertical	18	15	12	18	15	12	-	-	-	36	18	15	12	18	15	12	-	-	-	36
Series 20	unprotected	vertical	-	-	-	12	9	6	6	6	6	24	_	-	_	12	9	6	6	6	6	24
00103 20	SC8008G, SC8010M	vertical	12	9	6	12	9	6	-	-	-	24	12	9	6	12	9	6	-	-	-	24
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	000510 000500	vertical	72	60	48	48	36	24	-	-	-	96	72	60	48	48	36	24	-	-	-	96
SL680-10 CR E	SC8518, SC8520	non-vertical	36	30	24	24	18	12	-	-	-	96	36	30	24	24	18	12	-	-	-	96
	100000	vertical	24	18	12	24	18	12	_	-	_	-	24	18	12	24	18	12	-	_	_	-
	1920DR	non-vertical	12	9	6	12	9	6	-	-	-	-	12	9	6	12	9	6	-	-	_	-
IJ5100-10	unprotected	vertical	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	_	-
IJ5100R-10	SC8518, SC8520	vertical	48	36	24	36	24	12	_	_	_	60	48	36	24	36	24	12	-	_	_	60
	unprotected	vertical	-	_	_	_	-	-	-	-	_	_	_	-	_	_	_	_	_	_	_	_
SC8173	SC8914i	vertical	12	12	12	12	12	12	_	_	_	24	12	12	12	12	12	12	_	_	_	24
	unprotected	vertical	_	_	_	_	_	_	_	_	_	60	_	-	-	-	_	_	-	_	_	60
SC8150	SC8150	vertical	60	48	36	36	24	12	60	48	36	60	60	48	36	36	24	12	60	48	36	60
IJ162-10, IJ162-114	SC3645	horizontal	-	-	_	-	_	_	_	-	_	12	_	-	_	_	_	_	-	-	_	12
IJ25-10R	SC3649	horizontal	_	_		_	_		_	_		3	_	-			-	-	_	_		3
1020 1011	unprotected	vertical		_		24	18	12	_	_		24		_		24	18	12	_	_		24
IJ3630-20						48	36	24				96				48	36	24		_	-	96
13030-20	SC8518, SC8520 1920DR	vertical	-	-	_	36	24		-	-	-		-	-	-	40 36	24	12	-	_	-	
		vertical	-	-	-			12	-	-	-	60	_	-	-				-	-	-	60
	unprotected	vertical	-	-	-	24	18	12	-	-	-	24	_	-	-	24	18	12	-	-	-	24
IJ3730-50 IJ3730-60	SC3619, SC3620	vertical	-	-	-	72	60	48				96	-	-	-	72	60	48				96
103730-00	SC8518, SC8520, SC8915, 9740I UV	vertical	-	-	-	48	36	24	-	-	-	96	_	-	-	48	36	24	-	-	-	96
	1920DR	vertical	-	-	-	36	24	12	-	-	-	60	-	-	-	36	24	12	-	-	-	60
Panagraphics III	unprotected	vertical	-	-	-	-	-	-	-	-	-	48	_	-	-	-	-	-	-	-	-	48
	SC8518, SC8520	vertical	-	-	-	24	18	12	-	-	-	48	_	-	-	24	18	12	-	-	-	48
FS-1	unprotected	vertical	-		-	-	-	-	-		-	48	_	-	-	-	-	-	-	-	-	48
	SC8518, SC8520	vertical	-	-	-	24	18	12	-	-	-	48	-	-	-	24	18	12	_	-	-	48

3M <sup>™</sup> MCS <sup>™</sup> Warr	anty for HP Latex Printers											
Printers:			HP Latex 360/3	70 Printer								
Ink:			HP 831/871 Lat	tex Ink, a 3M™ M	CS™ Warranty Co	mponent						
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet		Exte	rior Sign – 1st sı	urface	Exte	rior Sign – 2nd s	urface	Interior
			1	2	3	1	2	3	1	2	3	
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-
		vertical	72	60	48	48	36	24	-	-	-	96
LX480Cv3	8548G, 8549L	non-vertical	36	30	24	24	18	12	-	-	_	96
LX400013		horizontal	18	15	12	12	9	6	-	-	-	96
	1920DR	vertical	24	18	12	24	18	12	-	-	-	60
	192000	non-vertical	12	9	6	12	9	6	-	-	-	60
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-
	05400.05401	vertical	72	60	48	48	36	24	-	-	-	96
IJ380-10 IJ380-20	8548G, 8549L	non-vertical	36	30	24	24	18	12	-	-	-	96
		vertical	24	18	12	24	18	12	-	-	_	-
	1920DR	non-vertical	12	9	6	12	9	6	-	-	-	-
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-
		vertical	72	60	48	48	36	24	-	-	-	96
IJ180–10 IJ180C-10	SC8518, SC8520, SC8915	non-vertical	36	30	24	24	18	12	-	-	-	96
IJ180Cv3-10		vertical	24	18	12	24	18	12	-	-	-	96
	1920DR	non-vertical	12	9	6	12	9	6	-	-	-	96
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-
		vertical	60	48	36	36	24	12	-	-	-	96
IJ160-10	SC8518, SC8520	non-vertical	30	24	18	18	12	6	-	-	-	96
		vertical	24	18	12	24	18	12	-	-	-	96
	1920DR	non-vertical	12	9	6	12	9	6	-	-	-	96
	unprotected	vertical	-	-	-	-	-	-	-	-	-	-
		vertical	60	48	36	36	24	12	-	-	-	60
IJ170Cv3	SC8518, SC8520	non-vertical	30	24	18	18	12	6	-	-	-	60
		vertical	24	18	12	24	18	12	-	-	-	60
	1920DR	non-vertical	12	9	6	12	9	6	_	_	-	60
	unprotected	vertical	-	-	_	-	-	-	-	_	_	-
Series 70		vertical	60	48	36	36	24	12	-	_	-	60
	IJ70-114, SC8518, SC8520	non-vertical	30	24	18	18	12	6	-	_	_	60
48-20	unprotected	vertical	_	_	_	-	-	-	_	_	_	-
48-20 48-20R 48C-20 48C-20R		vertical	48	42	30	36	36	24	_	_	_	60
48C-20R	8048G	non-vertical	24	21	15	18	18	12	_	_	_	60

continuation next page

\* Use of this overlaminate does not bypass general limitations of the base film with deep contour applications. \*\* Use of LX480Cv3 needs special application techniques. Film temperature above 100°C is needed to conform the film into deeper recesses after application. See product bulletin for instructions.

	y for HP Latex Printers											
Printers:			HP Latex 360 /3	70Printer								
Ink:			HP 831/871Late	ex Ink, a 3M™ MC	S™ Warranty Cor	nponent						
3M Product	Graphic Protection (overlaminate or clear)	Exposure		Fleet		Exte	rior Sign – 1st su	rface	Exterior Sign – 2nd surface			Interior
			1	2	3	1	2	3	1	2	3	
	unprotected	vertical	-	-	-	36	36	24	36	36	36	60
Series 40 - white gloss & matte		vertical	48	42	30	36	36	24	_	-	-	84
white gloss & matte	SC8038G, SC8040M	non-vertical	24	21	15	18	18	12	_	-	_	84
	unprotected	vertical	-	_	_	36	36	24	36	36	24	60
Series 40 - transparent gloss & matte		vertical	36	36	<i>'</i> 24	36	36	24	_	_	_	60
tiansparent gloss & matte	SC8038G, SC8040M	non-vertical	18	18	12	18	18	12	_	_	-	60
	unprotected	vertical	-	_	-	-	-	-	-	-	-	-
CT3545C	SC8908, SC8909, SC8038G, SC8040M	vertical	36	24	18	36	24	18	_	_	-	60
0 1 07	unprotected	vertical	-	_	-	18	15	12	_	_	-	36
Series 25	SC8008G, SC8010M	vertical	18	15	12	18	15	12	_	-	_	36
	unprotected	vertical	-	_	-	12	9	6	6	6	6	24
Series 20	SC8008G, SC8010M	vertical	12	9	6	12	9	6	_	-	_	24
	unprotected	vertical	-	_	-	-	-	_	_	-	-	-
SL680-10 CR E J5100-10 J5100R-10 SC8173		vertical	72	60	48	48	36	24	_	_	_	96
	SC8518, SC8520	non-vertical	36	30	24	24	18	12	_	_	-	96
		vertical	24	18	12	24	18	12	_	_	_	-
	1920DR	non-vertical	12	9	6	12	9	6	_	_	_	-
115100-10	unprotected	vertical	-	_	-	-	-	_	_	-	_	-
IJ5100R-10	SC8518, SC8520	vertical	48	36	24	36	24	12	_	_	_	60
	unprotected	vertical	-	_	-	-	-	-	_	-	-	-
SC8173	SC8914i	vertical	12	12	12	12	12	12	_	_	-	24
	unprotected	vertical	-	-	-	-	-	-	-	-	-	60
SC8150	SC8150	vertical	60	48	36	36	24	12	60	48	36	60
IJ162-10, IJ162-114	SC3645	horizontal	-	-	-	-	-	-	_	-	-	12
IJ25-10R	SC3649	horizontal	-	_	-	-	-	_	_	-	_	3
	unprotected	vertical	-	_	_	24	18	12	_	-	_	24
IJ3630-20	SC8518, SC8520	vertical	-	_	_	48	36	24	_	_	_	96
	1920DR	vertical	-	-	-	36	24	12	_	_	-	60
	unprotected	vertical	-	-	-	24	18	12	-	-	-	24
IJ3730-50	SC3619, SC3620	vertical	-	-	-	72	60	48				96
IJ3730-60	SC8518, SC8520, SC8915, 9740I UV	vertical	-	_	-	48	36	24	_	_	-	96
	1920DR	vertical	-	_	-	36	24	12	-	-	-	60
	unprotected	vertical	-	_	-	-	-	-	_	-	-	72
Panagraphics III	SC8518, SC8520	vertical	_	_	_	36	24	12	_	_	_	72
	unprotected	vertical	-	_	_	-	-	-	_	_	-	60
FS-1	SC8518, SC8520	vertical	_	_	_	36	24	12				60

3M<sup>™</sup> MCS<sup>™</sup> Warranty

The 3MTM MCSTM Warranty – the protection promise for your branding When you choose 3MTM MCSTM Warranty you obtain absolute peace of mind for your large–format brand graphics or Which you choose own moco marries you do a local backware back of mint by your lego terms of the second suppression outdoor promotions. Not can be assured that all components used to produce the graphic have been designed and matched for optimal performance and that they have been extensively tested for functionality and durability. 3M exposes its films to the most diverse climatic conditions and is therefore able to provide reliable statements as to their durability in all countries of the world.

3M provides a warranty on the finished graphic, including 3M film, overlaminate and ink performance. The most comprehensive graphics warranty in the industry. In addition, the Authorized Partner who manufactures the graphics has been qualified in accordance with the 3M™ MCS™ Warranty and meets the high demands placed on national and international brands

## What kind of graphics can be manufactured in accordance with the 3M™ MCS™ Warranty?

Whether you need promotion on floors, vehicles or buildings, whether branding at the point of sale, at your trade fair stand or for your illuminated signage - 3M has a comprehensive and innovative product range to provide you with the perfect film solution for virtually every application. For long-term and short-term applications, for interior decoration

or outdoor promotion, for small budgets or prestigious projects: Your authorized 3M™ MCS™ Warranty partner will be glad to provide you with advice.

### Scope of the 3M™ MCS™ Warranty

With the 3MTM MCSTM Warranty you can rely on a proven system of carefully manufactured components. In the unlikely event of a graphic failure, you can be sure that your claim will be guickly settled. Within the defined Warranty Period (which is obtermined by the film combination, the printing method and the climate zone) 3M will contribute towards the remanufacture of the failed graphic. For more details, refer to the 3MT\* MCS\*\* Warranty Application Manual.

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