

3M™ MCS™ Warranty for Traffic Matrix for HP Latex 700/730 and HP Latex 800/830 Series Printers

Table A. Warranty^a Period and Limited Remedy Matrix for signs with BLACK-ONLY^b legends, text, patterns, and symbols printed with HP Latex 700/730 and HP Latex 800/830 series printers, measured from Fabrication Date in years.

			Warranty Type and Period [years from Fabrication Date]			Limited Remedy Type and Period [years from Fabrication Date]	
Matched Components			Legibility Warranty	Retroreflection Retention Warranty		Sign Restoration	3M Materials Replacement
Sheeting	Ink	Clear Overlay Film		80% of R _A Benchmark	70% of R _A Benchmark		
3M™ High Intensity Prismatic Reflective Sheeting 3930 and 3931	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	0–7 ^c	8–10 ^c	0–7	8–10
3M™ High Intensity Prismatic Reflective Digital Sheeting 3930UDS and 3931UDS	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	0–7 ^c	8–10 ^c	0–7	8–10
3M™ Diamond Grade™ DG³ Reflective Sheeting 4090 and 4091	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–12	0–7 ^d	8–12 ^d	0–7	8–12
3M™ Diamond Grade™ DG³ Reflective Digital Sheeting 4090UDS and 4091UDS	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–12	0–7 ^d	8–12 ^d	0–7	8–12
3M™ Diamond Grade™ DG³ Reflective Sheeting 4081 and 4083	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	N/A	0–10 ^e	0–7	8–10
3M™ Diamond Grade™ DG³ Reflective Sheeting 4081 and 4083^l	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–7	N/A	0–7 ^e	0–5	6–7
3M™ Diamond Grade™ DG³ Reflective Sheeting 4081UDS and 4083UDS	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	N/A	0–10 ^e	0–7	8–10
3M™ Diamond Grade™ DG³ Reflective Sheeting 4081UDS and 4083UDS^f	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–7	N/A	0–7 ^e	0–5	6–7

^a Refer to the [3M™ Sign Warranty Bulletin](#) for information on the 3M™ MCS™ Warranty (including Legibility Warranty and Retroreflection Retention Warranty), its terms and conditions, and the limited remedy.

^b Must be printed according to the requirements including printer settings and profiles given in the HP Cookbook document - How to Print Colored Traffic Signage on HP Latex 700/730 and HP Latex 800/830 Printer Series, available at www.hplatexknowledgecenter.com.

^c The R_A benchmarks are the coefficients of retroreflection for white and yellow sheeting, as defined in ASTM D4956, Type IV.

^d The R_A benchmarks are the coefficients of retroreflection for white sheeting, as defined in ASTM D4956, Type XI.

^e The R_A benchmarks are the coefficients of retroreflection for fluorescent yellow and fluorescent yellow-green sheetings, as defined in ASTM D4956, Type XI.

^f The 7 year warranty period applies to signs using 4081 and 4083 in Alabama, Arizona, Florida, Georgia, Hawaii, Louisiana, Mississippi, New Mexico, South Carolina, and Texas.

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Table B. Warranty^a Period and Limited Remedy Matrix for signs containing the standard traffic colors red, blue, green, brown, and purple^{b, c} measured from Fabrication Date in years

				Warranty Type and Period [years from Fabrication Date]			Limited Remedy Type and Period [years from Fabrication Date]	
Matched Components				Legibility Warranty	Retroreflection Retention Warranty		Sign Restoration	3M Materials Replacement
Sheeting	Printed Traffic Color	Ink	Clear Overlay Film		80% of R _A Benchmark	70% of R _A Benchmark		
3M™ High Intensity Prismatic Reflective Sheeting 3930	Red, blue, green, and brown	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	0–7 ^d	8–10 ^d	0–7	8–10
3M™ High Intensity Prismatic Reflective Digital Sheeting 3930UDS	Red, blue, green, and brown	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–10	0–7 ^d	8–10 ^d	0–7	8–10
3M™ Diamond Grade™ DG³ Reflective Sheeting 4090	Red, blue, green, and brown	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–12	0–7 ^e	8–12 ^e	0–7	8–12
3M™ Diamond Grade™ DG³ Reflective Sheeting 4090	Purple	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–8	0–5 ^e	6–8 ^e	0–5	6–8
3M™ Diamond Grade™ DG³ Reflective Digital Sheeting 4090UDS	Red, blue, green, and brown	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–12	0–7 ^e	8–12 ^e	0–7	8–12
3M™ Diamond Grade™ DG³ Reflective Digital Sheeting 4090UDS	Purple	HP Series 832/873	3M™ ElectroCut™ Film 1170C or 3M™ Premium Protective Overlay Film 1160i	0–8	0–5 ^e	6–8 ^e	0–5	6–8

^a Refer to the [3M™ Sign Warranty Bulletin](#) for information on the 3M™ MCS™ Warranty (including Legibility Warranty and Retroreflection Retention Warranty), its terms and conditions, and the limited remedy.

^b As defined in ASTM D4956.

^c Must be printed according to the requirements including printer settings and profiles given in the HP Cookbook to qualify for the 3M™ MCS™ Warranty for Traffic.

^d The RA benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type IV.

^e The RA benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type XI.

Commercial Branding and Transportation

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