

# Digitally Printed MUTCD Compliant Traffic Signs

TAPCO now offers a new method to print high quality FHWA compliant retroreflective traffic signs. Durable 3M<sup>TM</sup> sheeting inks and protective overlays have been designed and tested with the EFI<sup>®</sup> H1625-RS printer to enable TAPCO to deliver signs with long-lasting quality and performance. Finished TAPCO Made<sup>®</sup> signs using these components are protected by the premier 3M<sup>TM</sup> MCS<sup>TM</sup> Warranty for traffic signs.



Image detail of 8-color artwork with fine lines and full color capability.



## 3M™ MCS™ Warranty for Traffic Matrix for EFI™ H1625-RS

Table A. MCS™ Warranty for Traffic<sup>1</sup> Warranty Period and Limited Remedy Matrix for signs containing only the standard traffic colors<sup>2</sup> and black, made with the purpose of conforming to the standard traffic colors<sup>2</sup>, measured from Fabrication Date in years.

3M Sheeting	3M Matched Components		Warranty Type & Period (years from fabrication date)			Limited Remedy Type & Period (years from fabrication date)	
	3M Ink	3M Clear Overlay Film	Legibility Warranty	Retroreflection Retention Warranty 80% of R <sub>A</sub> Benchmark	70% of R <sub>A</sub> Benchmark	Sign Restoration	Materials Replacement
3M™ High Intensity Prismatic™ Digital Sheeting 3930DS	3M™ Piezo Inkjet Series 8900UV Ink	3M™ ElectroCut™ Film 1170C	0-10	0-7 <sup>3</sup>	8-10 <sup>3</sup>	0-7	8-10
3M™ Diamond Grade™ DG <sup>3</sup> Prismatic Digital Sheeting 4090DS	3M™ Piezo Inkjet Series 8900UV Ink	3M™ ElectroCut™ Film 1170C	0-12	0-7 <sup>4</sup>	8-12 <sup>4</sup>	0-7	8-12

1 For information on the 3M MCS™ Warranty, including Legibility Warranty and Retroreflection Retention Warranty, its terms and conditions, and the limited remedy, please refer to the 3M Digitally-Imaged Sign Warranty Bulletin.

2 White, red, blue, green, and brown, as defined in ASTM D4956-13.

3 The RA benchmark is 70% of the coefficients of retroreflection for each standard traffic color<sup>2</sup> as defined in ASTM D4956-13, Type IV.

4 The RA benchmark is 70% of the coefficients of retroreflection for each standard traffic color<sup>2</sup> as defined in ASTM D4956-13, Type XI.

## 3M™ MCS™ Warranty Matrix for EFI™ H1625-RS

Table A. MCS™ Warranty<sup>1</sup> Period and Limited Remedy Matrix for a Sign containing any color not made with the purpose of conforming to standard traffic colors<sup>2</sup> and black, measured from Fabrication Date in years.

3M Sheeting	3M Matched Components		Warranty Type & Period (years from fabrication date)		Limited Remedy Type & Period (years from fabrication date)
	3M Ink	3M Clear Overlay Film	MCS Warranty <sup>1</sup>	Sign Restoration	Materials Replacement
3M™ High Intensity Prismatic Digital Sheeting 3930DS	3M™ Piezo Inkjet Series 8900UV Ink	3M™ ElectroCut™ Film 1170C	0-5	0-3	4-5
3M™ Diamond Grade™ DG <sup>3</sup> Prismatic Digital Sheeting 4090DS	3M™ Piezo Inkjet Series 8900UV Ink	3M™ ElectroCut™ Film 1170C	0-8	0-4	5-8

1 For information on the 3M™ MCS™ Warranty, including Legibility Warranty and Retroreflection Retention Warranty, its terms and conditions, and the limited remedy, please refer to the 3M™ Digitally-Imaged Sign Warranty Bulletin.

2 White, red, blue, green, and brown, as defined in ASTM D4956-13.

3 The RA benchmark is 70% of the coefficients of retroreflection for each standard traffic color<sup>2</sup> as defined in ASTM D4956-13, Type IV.

4 The RA benchmark is 70% of the coefficients of retroreflection for each standard traffic color<sup>2</sup> as defined in ASTM D4956-13, Type XI.

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