

# Avery Dennison® Digital Sign Warranty

## Printing with Avery Dennison® TrafficJet™ Print System in True Traffic Color™ Configuration

TrafficJet™ Pro, TrafficJet™ Xpress, TrafficJet™ Xpert, TrafficJet™ Plus and TrafficJet™ Printers

ISSUED: 4/16/2024

Sales Region: NA

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### Reflectivity at Time of Printing

A new sign printed in TrafficJet spot colors with Avery Dennison TrafficJet System in the True Traffic Color configuration ("Printer"), when printed in accordance with Avery Dennison Instructional Bulletins ("Procedures"), will meet the following requirements at the time it is printed:

- Daytime luminance factor (Y%) shall meet Table 2 of ASTM D4956
- Daytime color will meet the specification color limits of Table 11 of ASTM<sup>1</sup> D4956
- Nighttime color will meet the specification color limits of Table 13 of ASTM<sup>1</sup> D4956
- Coefficient of Retro-reflection shall meet 70% of the values of ASTM D4956 for the respective sheeting types

The above representation is limited to (a) signs made with spot inks supplied by Avery Dennison printed on designated Avery Dennison sheeting and (b) signs containing proper application of Avery Dennison OL-1000, OL-1200, or OL-2000 clear overlay film for TrafficJet Xpert, TrafficJet Plus and TrafficJet and OL-1000 UV, OL-1200, or OL-2000 UV clear overlay film for TrafficJet Pro and TrafficJet Xpress<sup>2</sup>.

Printing in the True Traffic Color configuration ("Process Color Printing") will also produce durable graphic images for traffic, wayfinding and other outdoor signs as well as vehicle conspicuity. Process Color Printing for outdoor signs requires the application of Avery Dennison OL-1000, OL-1200, or OL-2000 clear overlay film for TrafficJet Xpert, TrafficJet Plus and TrafficJet and OL-1000 UV, OL-1200, or OL-2000 UV clear overlay film for TrafficJet Pro and TrafficJet Xpress.. Process Color Printing for vehicle conspicuity requires proper application of clear overlay film Avery Dennison DOL1060Z & DOL1460Z.

<sup>1</sup> ASTM does not apply to Black print

<sup>2</sup> Clear overlay is not required for work zone signs printed with black

### Warranty

A performance warranty is provided for the specific sheeting products and applications set forth below. Warranty details and limitations for traffic and work zone signs and graphic signs are described in Sections I and II below. Warranty details and limitations for vehicle application are described in Section III below

#### I. TrafficJet Spot Color Ink Printing Warranty for Traffic and Work Zone Signs

Avery Dennison Corporation warrants to the using agency ("Agency") that signs printed with the Avery Dennison TrafficJet System in True Traffic Color configuration ("Product"), when printed in accordance with Avery Dennison Instructional Bulletins, will retain their usefulness as traffic or work zone signs when vertically mounted<sup>2</sup>. The length of the warranty is set forth in Tables 1 and 2, below. The warranty only applies to signs that meet the following requirements:

- The signs are made using inks supplied by Avery Dennison;
- The inks are printed on Avery Dennison sheeting;
- Avery Dennison OL-1000, OL-1000 UV, OL-1200, OL-2000, or OL-2000 UV clear overlay film has been properly applied  
(if applicable; see Tables 1 and 2 below);
- The signs are used in traffic or work zone sign applications



If the Product deteriorates due to natural causes to the extent that the sign is ineffective for its intended purpose as a traffic or informational sign, when viewed under normal conditions from the intended viewing distance, for the first 7 years, Avery Dennison will restore the installation surface to its original effectiveness at no cost for materials or labor. For year 8 and later, Avery Dennison will provide a replacement amount of sheeting, ink and overlay (if required) at no cost to enable the installed surface to be restored to its original effectiveness.

**Table 1—TrafficJet Printed Traffic Sign Configuration and Warranty for Spot Colors**

<b>TrafficJet Spot Inks</b>	Avery Dennison TrafficJet Eco Solvent or UV-LED Spot Color Inks Black, Red, Blue, Green, Yellow, Brown, Purple, and Worboy Green			
<b>Overlay Film</b>	OL-1000 and OL-1000 UV Anti-Graffiti Film OL-1200 Anti-Dew Film OL-2000 and OL-2000 UV Film			
<b>Retroreflective Films:</b> Approved for TrafficJet digital printing and corresponding warranty period	<u>Sheeting Type</u>	<u>Sheeting Color</u>	<u>Warranty: OL-1000</u>	<u>Warranty: OL-1200, OL-2000</u>
	T-11000 OmniCube	White, Yellow, FY, FYG	15	12
	T-7500B	White, Yellow, FY, FYG	15	10
	T-7000 MVP	White, Yellow, FY, FYG	15	10
	T-6000 HIP	White, Yellow	12	10
	T-2000D PEG	White, Yellow	7	7
	T-1500D EG	White, Yellow	7	7
	T-1500B EG T-1500 EG*	White White	7 7	7 7

\*T-1500 is the only approved beaded engineering grade for TrafficJet Xpress, it is not compatible with TrafficJet or TrafficJet Xpert

**Table 2—TrafficJet Printed Work Zone Sign Configuration and Warranty for Spot Color Black**

<b>TrafficJet Spot Inks</b>	Avery Dennison TrafficJet UV-LED Black Spot Color Only		
<b>Overlay Film</b>	Not required for temporary work zone signs using TrafficJet Black ink only		
<b>Retroreflective Films:</b> Approved for TrafficJet digital printing and corresponding warranty period	<u>Sheeting Type</u>	<u>Sheeting Color</u>	<u>Warranty (Years)</u>
	(T/W)-11000 OmniCube (T/W)-7000 MVP	White, FO	3
	(T/W)-6000D HIP	White, FO	3
	(T/W)-2000 PEG	White, Yellow, Orange	3
		White, Orange	3

## TrafficJet Ink Durability

The TrafficJet inks referenced in this document are the only inks covered by this warranty. Users may find satisfactory results with other inks and inkjet systems, but warranty coverage is not provided by Avery Dennison, and use of other inks and inkjet systems may void any existing equipment warranty.

## II. TrafficJet Process Color Printing Warranty for Outdoor Signs

Avery Dennison warrants to the Agency that an image created by process printing with Avery Dennison TrafficJet System in True Traffic Color configuration ("Product"), when printed in accordance with Avery Dennison Instructional Bulletins, will retain its usefulness as an informational sign when vertically mounted. Process printing is defined as any printing using cyan or magenta inks, or combining any two or more ink colors, to produce a printed color. This warranty is limited to inks supplied by Avery Dennison printed on Avery Dennison Sheeting, and requires proper application of Avery Dennison OL-1000, OL-1000 UV, OL-2000, or OL-2000 UV clear overlay film. See table 3.

If the Product deteriorates due to natural causes to the extent that the sign is ineffective for its advertising or informational purpose when viewed under normal conditions from the intended viewing distance, Avery Dennison will furnish a replacement amount of like Product at no cost to enable the installed surface to be restored to its original effectiveness.



**Table 3—TrafficJet Printed Graphics Sign Configuration and Warranty for Process Colors**

<b>TrafficJet Spot Inks</b>	Avery Dennison Cyan and Magenta with Spot Yellow and Black when printed via True Traffic Color configuration		
<b>Overlay Film (required)</b>	OL-1000 or OL-1000 UV Anti-Graffiti Film OL-1200 Anti-Dew Film OL-2000 or OL-2000 UV Film		
<b>Retroreflective Films:</b> Approved for TrafficJet digital printing and corresponding warranty period	<u>Sheeting Type</u>	<u>Sheeting Color</u>	<u>Warranty (Years)</u>
	T-11000 OmniCube	White	10
	T-7500B	White	10
	T-7000 MVP	White	10
	T-6000 HIP	White	10
	T-2000D EG	White	7
	T-1500D EG	White	7
	T-1500B EG T-1500 EG*	White White	7 7

\*T-1500 is the only approved beaded engineering grade for TrafficJet Xpress, it is not compatible with TrafficJet or TrafficJet Xpert

### III. TrafficJet Process Color Printing Warranty for Vehicle Application

Avery Dennison warrants to the Agency that an image created by process printing with Avery Dennison TrafficJet System in True Traffic Color configuration ("Product"), when printed in accordance with Avery Dennison Instructional Bulletins, will retain its usefulness as a vehicle decal when vertically mounted. Process printing is defined as any printing using cyan or magenta inks, or combining any two or more ink colors, to produce a printed color. This warranty is limited to inks supplied by Avery Dennison printed on Avery Dennison sheeting, and requires proper application of Avery Dennison DOL1060Z or DOL1460Z. See table 4.

If the Product deteriorates due to natural causes to the extent that the sign is ineffective for its advertising or informational purpose when viewed under normal conditions from the intended viewing distance, Avery Dennison will furnish a replacement amount of like sheeting, ink, and overlay at no cost to enable the installed surface to be restored to its original effectiveness.

**Table 4—TrafficJet Printed Graphics for Vehicle Application Configuration and Warranty—Process Colors**

<b>TrafficJet Spot Inks</b>	Avery Dennison Cyan and Magenta with Spot Yellow and Black when printed via True Traffic Color configuration			
<b>Overlay Film (required)</b>	DOL 1060Z DOL 1460Z			
<b>Retroreflective Films:</b> Approved for TrafficJet digital printing and corresponding warranty period	<u>Sheeting Type</u>	<u>Sheeting Color</u>	<u>Warranty (DOL1060Z)</u>	<u>Warranty (DOL 1460Z)</u>
	VisiFlex™ V-8000 V-4000	White White	5 years	4 years 4 years

2 Definition of vertically mounted—The sign stands upright at a right angle to the road and is no more than ±10° from vertical.



## Warranty Conditions

This warranty shall be effective only if all of the following conditions are met:

- Fabrication and/or installation of the printed item must occur within one (1) year from the date of purchase of the sheeting, TrafficJet ink, and overlay (as applicable)
  
- The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes. Without limiting the generality of the foregoing, there is no warranty for the failure of the sheeting due to improper sign fabrication, storage, handling, installation, maintenance, failure of the sign substrate, vandalism or mischief. Moderate color fading, cracking, chalking, edge lifting, or reduction in gloss or reflectivity will not materially detract from appearance and does not constitute a breach of warranty.
  
- Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures (collectively, the "Procedures"). The Product must have been processed and applied to blank, clean material in accordance with the Procedures, as such may be amended from time to time. Avery Dennison reserves the right to reject any warranty claim where the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized. The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data.

## Warranty Limitations

This warranty shall be effective only if all of the following conditions are met: The remedies provided under this warranty are exclusive. In no event shall Avery Dennison be responsible for any direct, indirect, incidental or consequential damages or specific relief whether foreseeable or not, caused by defects in such Product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Avery Dennison's negligence. In no event shall Avery Dennison's liability hereunder exceed the remedies specifically set forth in this warranty. Avery Dennison's liability shall be limited, at Avery Dennison's option, to the purchase price, replacement of the defective Product and in some cases when authorized by Avery Dennison the repair and replacement of the defective Product. **THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS. ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.**

