

Digital Sign Warranty



TrafficJet™
Print System

Printing with Avery Dennison® TrafficJet™ Pro in True Traffic Color™ Configuration

EMEA Sales Region
August 2020

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 1/2 of EN12899-1:2007
- ⦿ Daytime color will meet the specification color limits of Table 1/2 of EN12899-1:2007
- ⦿ Coefficient of Retro-reflection shall meet RA1/RA2/R2/R3A/R3B/R3C requirements for the respective sheeting types

For full details, see Declaration of Performance documents available on our website in the resource center, under literature or regulatory updates.

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 or OL-2000 clear overlay film¹.

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 or OL-2000 clear overlay film. Process Color Printing for vehicle conspicuity requires proper application of clear overlay film Avery Dennison DOL1060Z & DOL1460Z.

¹Clear overlay is not required for work zone signs

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 mounted². 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 or OL-2000 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.



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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

TrafficJet Spot Inks	Avery Dennison TrafficJet Eco Solvent and UV-LED Spot Color Inks Black, Red, Blue, Green, Yellow, Brown, Purple, and Worboy Green			
Overlay Film (required)	OL-1000 Anti-Graffiti & UV Film OL-2000 UV Film			
Retroreflective Films: 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-2000</u>
	T-11000 OmniCube	White, Yellow, FY, FYG	15	12
	T-7500B	White, Yellow, FY, FYG	12	10
	T-7000 MVP	White, Yellow, FY, FYG	12	10
	T-6000 HIP	White, Yellow	12	10
	T-2000D PEG	White, Yellow	7	7
T-1500D EG	White, Yellow	7	7	

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

TrafficJet Spot Inks	Avery Dennison TrafficJet Eco Solvent and UV-LED Black Spot Color Only		
Overlay Film	Not required for temporary work zone signs using TrafficJet Black ink only		
Retroreflective Films: 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	White, FO	3
	(T/W)-7000 MVP	White, FO	3
	(T/W)-6000D HIP	White, Yellow, Orange	3
	(T/W)-2000 PEG	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 system 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 or OL-2000 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

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

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

TrafficJet Spot Inks	Avery Dennison Cyan and Magenta with Spot Yellow and Black when printed via True Traffic Color configuration			
Overlay Film	DOL1060Z DOL1460Z			
Retroreflective Films: Approved for TrafficJet digital printing and corresponding warranty period	<u>Sheeting Type</u> VisiFlex V-8000 V-4000	<u>Sheeting Color</u> White White	<u>Warranty (DOL1060Z)</u> 5 years 5 years	<u>Warranty (DOL1460Z)</u> 4 years 4 years

²Definition 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.**



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