

Product Data Bulletin



MPI Transit Vinyl (Revision 2)
Dated: 03/30/03

Description:

Avery Dennison™ MPI Transit Vinyl is a specially engineered, flexible calendered vinyl film that has been specifically designed for use in the temporary transit advertising market. Application is recommended for both bus advertising panels and direct to bus face. For equipment/material compatibility, durability, processing tips, warranted inks, or recommended clear coats and overlaminates reference Instructional Bulletin #5.80.

Construction:

MPI Transit

Face Film:	3.4 mil (86 µm) flexible, white, calendered vinyl film
Adhesive:	R-175 removable, clear, acrylic pressure-sensitive
Release Liner:	90# StaFlat Imprinted “Avery® Transit Vinyl”

Physical Properties:

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification).

Recommended Print Method:	Reference IB #5.80			
Outdoor Durability:	Up to 1 year when printed with approved printer/inks and overlaminated or clear coated. (Reference IB or #5.30)			
Removability:	1 year removability from most smooth sound OEM and <i>repainted</i> surfaces with little or no adhesive residue			
Minimum Surface/Ambient Air Application Temperature:	50° F (4° C)			
Application Surface	Flat			
Service Temperature Range:	-40° F to 176° F (-40° C to 80° C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions).			
Typical Adhesion	90° Peels			
	Substrate	15 min	24 hrs	1 week
	Stainless Steel	1.0 lb/in (175 N/m)	1.2 lb/in (210 N/m)	1.8 lb/in (315 N/m)
Typical Film Caliper (w/adhesive):	4.4 mils (112 µm)			



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Chemical Resistance:	Resistant to most mild acids, alkalies and salt solutions. Film resistant to most petroleum-based solvents, but adhesives will be degraded by prolonged exposure to such solvents
Shelf Life:	One year when stored at room temperatures and humidity conditions, 73° F (23° C) 50±5% R. H.
Dimensional Stability:	Good. Determined by measuring shrinkage of film applied to 36 in. ² (232 cm ²) aluminum test panel after 72 hrs. aging at 73° F (23° C) and 50±5% R. H. followed by 48 hrs. at 150° F (65° C)

Revisions have been italicized.

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