

Product Data Bulletin

DOL 1100 Matte Clear Cast Vinyl Films (Revision 6)

Dated: 11/07/05



FLOOR COATING AND FINISHING MATERIAL AS TO SLIP RESISTANCE ONLY 16GH

Description:

Avery Dennison™ DOL 1100 Matte Clear is a premium quality, matte clear, cast vinyl film designed for use as a protective overlamine film for screen printed and digital printed decals.

Construction:

Face Film:	2.1 mil (53 mm) clear, matte, premium, cast vinyl film
Adhesive:	S-652 permanent, clear, acrylic, pressure-sensitive
Release Liner:	78# Bleached Kraft

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).

Outdoor Durability:	Up to 5 years when properly processed and applied (vertical exposure, unprinted film). Reference IB #5.30.
Minimum Surface/Ambient Air Application Temperature:	40° F (5° C)
Application Surface:	Flat, Flat with Rivets
Service Temperature Range:	-40° F to 180° F (-40° C to 82° C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions)
Typical Film Caliper (w/adhesives):	3.1 mils (79 µm)
Chemical Resistance:	Resistant to most petroleum based oils, greases and aliphatic solvents. Resistant to mild acids, alkalies, salts
Shelf Life:	One year when stored at temperatures and humidity conditions, 73° F (23° C) 50±5% R. H.
Tensile at Yield:	4 .0 to 8.0 lb/in. ² (0.3 to 0.6 kg/cm ²)
Elongation:	100% minimum
Dimensional Stability:	Less than 0.015 in. (0.4 mm) shrinkage determined by shrinkage of unprinted film applied to 36 in. ² (232 cm ²) aluminum test panel after 72 hours aging at 73° F (23° C) 50±5% R.H. followed by 48 hours at 150° F (65° C)

Meets ASTM E84-04, Standard Test Method for Surface Burning Characteristics of Building Materials, Class A Rated

*Further ASTM E84-04 documentation available upon request



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Revisions have been italicized.

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