

PRODUCT DATA SHEET

Avery Dennison® MPI 3800/3820 Series

Issued: 10/2025

Introduction

Avery Dennison Multi Purpose Inkjet 3800 series films are gloss white and matt white self-adhesive monomeric calendered vinyls, offering a choice between permanent clear and permanent grey adhesives.

Conversion

MPI 3800 series films are multi-purpose vinyls, suitable for a variety of wide-format inkjet printers using hard solvent, eco/mild solvent, UV-curing or latex inks.

Recommendations

- » Interior & exterior signs
- » Short term in- and outdoor advertising
- » Posters, panels and signs at exhibitions
- » Point of sale promotions
- » Applications to flat or regular surfaces where additional opacity may be required

Features

- » Excellent printability and handling on selected printers
- » Easy cutting and application on a wide variety of substrates
- » Excellent price/performance ratio for promotional graphics
- » Excellent opacity by using grey adhesive system for overposting needs



Face Film

MPI 3800/3803 90 µm white Gloss PVC film

MPI 3820/3823 90 µm white Matt PVC film



Adhesive

MPI 3800/3820 Permanent, clear acrylic based

MPI 3803/3823 Permanent, grey acrylic based



Backing

PE Coated Kraft paper, 140 g/m²



Durability

1 year (unprinted, vertical exposure)



Shelf Life

1 year

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	90
Caliper, facefilm + adhesive (micron)	ISO 534	120
Dimensional stability (mm max.)	FINAT FTM 14	1.2
Shelf life (years)	Stored at 22° C/50-55 % RH	1
Durability ² (years)	Unprinted, vertical exposure	1
Flammability	EN 13501-1	B-s1, d0
Adhesive		
Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	MPI 3800/MPI 3820: 480
		MPI 3803/MPI 3823: 400
Adhesion, ultimate (N/m)	FINAT FTM-1, stainless steel	MPI 3800/MPI 3820: 640
		MPI 3803/MPI 3823: 600
Temperature range		
Application temperature (Minimum: °C)		+10°C
Service temperature (°C to +°C)		-20°C to +80°C

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

1) Test methods: More information about our test methods can be found on our website.

2) Durability: The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased..

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