

PRODUCT DATA SHEET

Avery Dennison® Polyester Films

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Introduction

Avery Dennison Polyester films is a range of products that are used for a wide variety of graphics. This serie is available in the following versions:

- » Avery Dennison 710 – gloss transparent
- » Avery Dennison 710 – gloss chrome
- » Avery Dennison 711 – satin chrome

Conversion

Avery Dennison Polyester films can be printed in screen printing, offset litho and letterpress. Each process requires special inks and processing conditions. Ask your ink manufacturer for detailed processing procedures.

Recommendations

- » Double sided window stickers
- » Nameplates and decorative trim
- » Product labels and serial numbers
- » Bicycle decorations
- » Printed/unprinted graphics

Features

- » High tensile strength films
- » Excellent solvent and chemical resistance
- » Excellent adhesion to a wide range of substrates
- » Bright Silver colour, enhancing luxury appearance
- » Durable, permanent adhesive
- » High transparency of Avery Dennison 710 Transparent



Face Film

Surface treated polyester



Adhesive

Permanent , glass clear, acrylic-based adhesive



Backing

Two-side polyethylene coated kraft paper



Durability

2 years



Shelf Life

2 years

Physical Characteristics

Product	Test method ¹	Results
Caliper, facefilm - Avery Dennison 710	ISO 534	23 micron
Caliper, facefilm - Avery Dennison 711	ISO 534	24 micron
Dimensional stability	DIN 30646	0.1mm max
Flammability		Self extinguishing
Shelf life (years)	Stored at 22° C/50-55 % RH	2
Durability ¹ (years)	Vertical exposure	
710 Transparent		2
710 Chrome/711 Satin Chrome		2

Adhesive

Permanent - A glass clear, acrylic-based adhesive for maximum sunlight and weather resistance. Good initial tack and ultimate adhesion.

Adhesion, initial (N/m)	FINAT FTM-1, stainless steel	550
Adhesion, ultimate (N/m)	FINAT FTM-1, stainless steel	750

Temperature range

Application temperature (Minimum: °C)	+10
Service temperature (°C to +°C)	-20 to +80 (24hr) +110 (1hr)

Chemical properties

Humidity resistance	120 hours exposure	No effect
Corrosion resistance	120 hours exposure	No contribution to corrosion
Water resistance	48 hours immersion	No effect
Chemical resistance	Mild acids	No effect
	Mild alkalis	No effect
Solvent resistance - exposed to: oils, greases, aliphatic solvents, motor oils, heptane, kerosene and JP-4 fuel	Applied to aluminium	No effect

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 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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