

PRODUCT DATA SHEET

Avery Dennison® Universal Anti Graffiti Films

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Introduction

Avery Dennison® Universal Anti Graffiti Films special, scratch resistant coating shrugs off most spray, paint and pen, and wipes clean with basic cleaning materials. Removing and replacing etched or scratched film is fast and simple, thanks to the film's easy-removal adhesive.

The anti-graffiti film is an efficient alternative to a costly, time-consuming glass replacement.

Conversion

For conversion information please review the Technical Bulletin "Avery Dennison® Solar Window Films Interior".

Recommendations

- » Avery Dennison® AG Clear 4 mil ix: 4 mil universal film for interior or exterior installation. Enhanced capability ensures tagging can be removed by simple cleaning: surface etching and gouging requires film replacement, the glass itself generally remaining unharmed.
- » Avery Dennison® AG Clear 6 mil ix: 6 mil film with a special coating originally developed to tackle the daily graffiti abuse of metros. Excels in spray resistance and wipe ability.

Features

- » Wipe-clean coating to shrug off mist sprays and paints
- » Quick-release adhesive for speedier film removal and replacement
- » Substrate compatibility with glass or mirrors

Fire Certification: B-s1, d0 (DIN EN 13501-1)

¹⁾ Warranted 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. With regard to Avery Dennison Architectural Window Film Products, the durability shall not differ between the climatic zones, but the same durability shall apply to all climatic zones.



Face Film

AG Clear 4 mil ix; AG Clear 6 mil ix; Exterior durable AG hard coat special PS adhesive developed for rigid plastic substrates



Adhesive

Pressure sensitive Removable – Solvent based acrylic



Backing

PET



Durability

2 years vertical (10 years interior) / 2 years (horizontal/sloped)¹⁾



Shelf Life

When stored in original packaging upon arrival at the customer: 2 years. Recommended Storage conditions are 20 °C (± 2 °C) with 50 %RH (± 5%).

Physical Characteristics

Mechanical Properties:

	AG Clear 4 mil ix	AG Clear 6 mil ix
Thickness	4 mil	6 mil
Tensile Strength at Break	28,500 PSI	28,500 PSI
Break Strength	112 lb/inch	112 lb/inch
Elongation at Break	125%	125%
Peel Strength	4-5 lb/inch	3-4 lb/inch

Optical & Solar Properties:

	AG Clear 4 mil ix Single Pane	AG Clear 6 mil ix Single Pane
Visible Light Transmitted %	90	88
Visible Light Reflected (Int) %	11	10
Visible Light Reflected (Ext) %	11	10
U V Block %	93,68	99,90
Total Solar Energy Reflected %	10	9
Total Solar Energy Transmitted %	82	79
Total Solar Energy Absorbed %	8	12
Shading Coefficient	0,97	0,95
Total Solar Energy Rejected %	16	18
Solar Heat Gain Coefficient	0,84	0,82
Emissivity (Room side)	0,84	0,84
U-Value Winter	1,04	1,07
K-Value Winter	5,91	6,05
Glare Reduction %	0	2
Luminous Efficacy	0,93	0,93

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.

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