

# PRODUCT DATA SHEET

## Avery Dennison® Universal Anti Graffiti Films

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Revision: 4

### Introduction

Avery Dennison's 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.

### Description

<b>Color:</b>	Clear
<b>Technology:</b>	Exterior durable AG hard coat special PS adhesive developed for rigid plastic substrates
<b>Face:</b>	<b>AG Clear 4 mil ix</b> <b>AG Clear 6 mil ix</b>
<b>Adhesive:</b>	Pressure sensitive <b>Removable</b> – Solvent based acrylic
<b>Liner:</b>	PET
<b>Warranted Durability<sup>1</sup>:</b>	2 years vertical (10 years interior) / 2 years (horizontal/sloped)
<b>Fire Certification:</b>	B-s1, d0 (DIN EN 13501-1)

### 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

### Common Applications:

- **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.
- **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.

### Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

#### 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 no differ between the climatic zones, but the same durability shall apply to all climatic zones.

## PRODUCT CHARACTERISTICS

## Avery Dennison® Universal Anti Graffiti Films

### 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	AG Clear 6 mil ix
	Single Pane	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 is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. 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 without notice.