

PRODUCT DATA SHEET

Avery Dennison® Interior Specialty Window Films

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Revision: 4

Introduction

Avery Dennison **Specialty Window Films** are ideal for enhancing the functionality and appearance of glass. Whether to provide privacy, delineate space, disguise unattractive features, or provide graphic impact. Graphic accents, company logos and icons can all be created easily.

Description

Film Series: Specialty Film
Technology: Sputtered optical filter + Nanotechnology

Face:

DS Matte i
DS UV Filter i

Adhesive: Pressure sensitive **Permanent** – Solvent based acrylic
Liner: PET

Warranted Durability¹: 12 years

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

Features:

- **DS Matte i**, gives a translucent sandblasted effect, adding privacy or designer elegance to doors, windows and room dividers.
- **DS UV Filter i**, blocks 100% UV radiation while providing a neutral appearance.

Common Applications:

- Bathrooms
- Offices, conference rooms and clinics
- Corridors
- Doors, Windows
- Retail displays

Optical & Solar Properties:

	DS Matte i		DS UV Filter i	
	Single Pane	Double Pane	Single Pane	Double Pane
Visible Light Transmitted %	72	66	87	79
Visible Light Reflected (Int) %	0	0	0	0
Visible Light Reflected (Ext) %	17	23	11	18
U V Block %	94	95	100	100
Total Solar Energy Reflected %	14	18	9	15
Total Solar Energy Transmitted %	68	58	79	67
Total Solar Energy Absorbed %	18	24	12	18
Shading Coefficient	0,84	0,79	0,95	0,86
Total Solar Energy Rejected %	27	31	18	26
Solar Heat Gain Coefficient	0,73	0,69	0,82	0,74
Emissivity (Room side)	0,90	0,90	0,86	0,86
U-Value Winter	1,07	0,49	1,05	0,48
K-Value Winter	6,08	2,78	5,96	2,75
Glare Reduction %	20	19	3	3
Luminous Efficacy	0,86	0,83	0,92	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.

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.