# PRODUCT DATA SHEET

## Avery Dennison® DS White X Poly

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### Introduction

Avery Dennison DS White X Poly film has been designed for flat skylite windows applications. This film provides a solution for retrofitting of used polycarbonate, PMMA or glass windows panels reducing heat gain and lowering temperature inside the building.

### Conversion

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

### Recommendations

Avery Dennison DS White X Poly film allows you to modernize worn roof windows without having to replace them. It is designed to offer an optimum light transmission with a perfect adhesion on aged plastic or glass substrates.



**Face Film**
64 µm polymeric vinyl film



**Adhesive**
Permanent acrylic based



**Backing**
Polyethylene coated Kraft paper, 140 g/m²



**Durability**
Up to 4 years outdoor (horizontal exposure)[1]



**Shelf Life**
2 years - stored at 22°C/ 50% RH

### Features

- Lower the temperature inside the building
- White translucent aspect
- Wet application combined with an improved liner strength
- 4 years durability on slopped or horizontal applications in Zone 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 is expected to 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.

## Physical Characteristics

| Optical & Solar Properties (ISO 15099) | On Single clear glass 3 mm |
|---|---|
| Visible Light Transmitted % | 8 |
| Visible Light Reflected (Int) % | 74 |
| Visible Light Reflected (Ext) % | 69 |
| U V Block % | 100 |
| Total Solar Energy Reflected % | 60 |
| Total Solar Energy Transmitted % | 16 |
| Total Solar Energy Absorbed % | 24 |
| Shading Coefficient | 0.26 |
| Total Solar Energy Rejected % | 77 |
| Solar Heat Gain Coefficient | 0.23 |
| Emissivity (Room side) | 0.84 |
| U-Value Winter | 1.04 |
| K-Value Winter | 5.91 |
| Glare Reduction % | 92 |
| Luminous Efficacy | 0.30 |
| Light to Solar Gain Ratio (LSG) | 0.34 |
| Summer Solar Heat Gain Reduction % | 74 |

## Important

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