

# SF Clear 4 Mil Mod - Safety & Security Interior Films

Optically clear glazing protection



Safety

Add safety and security protection from impact, blast, crime or natural disaster to any Avery Dennison solar window film by installing it in combination with safety modular film **SF Clear 4 Mil Mod**.

| Optical and Solar Properties**     | SF Clear 4 Mil Mod |
|------------------------------------|--------------------|
| Item Number                        | R12306C            |
| Pane                               | Single             |
| Visible Light Transmitted          | 89%                |
| Visible Light Reflected (Interior) | 10%                |
| Visible Light Reflected (Exterior) | 10%                |
| Ultra Violet Block                 | 97%                |
| Total Solar Energy Reflected       | 9%                 |
| Total Solar Energy Transmitted     | 81%                |
| Total Solar Energy Absorbed        | 10%                |
| Glare Reduction                    | 1%                 |
| Shading Coefficient                | 0.96               |
| Solar Heat Gain Coeff. (G-Value)   | 0.84               |
| U-Value Winter (IP)                | 1.07               |
| U-Value Winter (SI)                | 6.07               |
| Total Solar Energy Rejected (%)    | 16%                |

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| Mechanical Properties                             |              |
|---|--------------|
| Thickness   | 4 mil        |
| Tensile Strength at Break                         | 28,500 PSI   |
| Break Strength                                    | 112 lb/ inch |
| Elongation at Break                               | 125%         |
| Peel Strength                                     | 7 lb/ inch   |
| Safety Testing                                    |              |
| Fire  |              |
| ASTM D1929 Ignition                               | √            |
| ASTM E84 Surface Burn                             | √            |
| Anti Graffiti                                     |              |
| Paris Metro Anti Graffiti                         | √            |
| Impact  |              |
| AS/NZS 2208                                       | √            |
| ANSI Z97.1 18" pendulum fall                      | √            |
| ANSI Z97.1 12" pendulum fall                      | √            |
| CPSC 1201 Cat 1 18" pendulum fall                 | √            |
| CPSC 1201 Title 16 48" pendulum fall              | √            |
| BS 6206 B   | √            |
| EN 12600 2B2                                      | √            |
| Bomb Blast  |              |
| Bomb Blast GSA Level C (4 psi, 30 psi/msec) P(3B) | √            |

\*\* Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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