

# SOLYX® 8300 Transparent Colored Calendered Films

## Description

3-mil, transparent colored PVC film with UV stabilizers and a gloss finish. Available in 30 colors.

## Release Paper

84# silicone coated paper

## Adhesive

Clear, solvent-based, permanent adhesive

## Applications

Developed for indoor and outdoor decorative design uses on glass, especially illuminated signs and window graphics.

Suitable for use on plotter cutting systems.

## Technical Data

|                                                                                                |                                                                                                           |                          |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Thickness</b> (without protective paper and adhesive)                                       | 3 mil                                                                                                     |                          |
| <b>Dimensional Stability</b> (FINAT TM-14)                                                     | Adhered to steel, no shrinkage in cross direction;<br>In length, <.016"                                   |                          |
| <b>Temperature Resistance</b>                                                                  | Adhered to aluminum, -40°F to +176°F, no variation                                                        |                          |
| <b>Fire Behavior</b> (DIN 75200)                                                               | Adhered to steel, self-extinguishing                                                                      |                          |
| <b>Fire Rating</b>                                                                             | ASTM E 84-07 Class "A"                                                                                    |                          |
| <b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)                                        | Adhered to glass: 4.1 lb/in<br>Adhered to acrylic: 3.7 lb/in                                              |                          |
| <b>Tensile Strength</b> (DIN EN ISO 527)                                                       |                                                                                                           |                          |
| Along                                                                                          | Min. 19 MPa                                                                                               |                          |
| Across                                                                                         | Min. 19 MPa                                                                                               |                          |
| <b>Elongation at Break</b> (DIN EN ISO 527)                                                    |                                                                                                           |                          |
| Along                                                                                          | Min. 130%                                                                                                 |                          |
| Across                                                                                         | Min. 150%                                                                                                 |                          |
| <b>Shelf Life</b> (68°F/50% relative humidity)                                                 | 2 years                                                                                                   |                          |
| <b>Minimum Application Temperature</b>                                                         | 46°F                                                                                                      |                          |
| <b>Available Lengths</b>                                                                       | 150' (50-yard)                                                                                            | 30' (10-yard)            |
| <b>Available Widths</b> (inches)                                                               | 15(punched), 24, 30, 48,                                                                                  | 15(punched), 24, 30, 48, |
| <b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces) | 5 years                                                                                                   |                          |
| <b>Recommended Application tapes</b>                                                           | ORATAPE® HT55, MT95, MT72                                                                                 |                          |
| <b>Resistance to Solvents and Chemicals</b>                                                    | adhered to acrylic after 8h in 0.5% household cleaning agents at room temperature and 149F, no variation. |                          |

## Attention

Recycling Recommendation: Waste class similar to household waste, is to be recycled according to the local regulations.

Surfaces to which the material will be applied must be cleaned thoroughly of dust, grease or any contaminants. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

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<http://www.solyx.com/>

**General Information**

Email: [info@decorativefilm.com](mailto:info@decorativefilm.com)

Tel: 888 657 5224