



# ReflectaMark® WSGS Safety Grade 3.3 Mil White Retroreflective Acrylic Permanent Adhesive Sheet

SG 450 White Reflective V-344 90 PFW  
FLX009585

## Benefits

- Excellent layflat release liner properties for printing and converting

## Features

- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, moderately rough surfaces. polycarbonate and fiberglass
- High-peel permanent acrylic adhesive resists cold flow and ooze
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting
- Excellent layflat release liner properties for printing and converting

## Additional Details

For reflectivity data, [click here](#).

## Technical Data

### Physical Properties

| Thickness (Mils [microns]) | Mils            | Microns     |
|----------------------------|-----------------|-------------|
| Total Product              | 11.35           |             |
| Film                       | 4.5 +/- 15 %    | 114         |
| Adhesive                   | 0.9-1.0 +/- 0.1 | 23-25 +/- 3 |
| Liner                      | 6.9 +/- 10 %    | 175         |

Test Method: ASTM D 3652

**Adhesion Properties**

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel    | 80            | 880   |
| Glass              | 92            | 1012  |
| Polypropylene      | 34            | 374   |
| Acrylic            | 97            | 1067  |

Test Method: ASTM D 903 (Modified for 72 hr dwell time)

| Additional Properties           | Value   | Test Method   |
|---------------------------------|---|---|
| Expected Shear (hours)          | 5   | ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load) |
| Tack (g)                        | 630   | ASTM D 2979   |
| Expected Exterior Life          | Two years   |   |
| Additional Information          |   |   |
| Service Temperature             | -40°F to 176°F (-40°C to 80°C)                            |   |
| Minimum Application Temperature | 50°F (10°C)   |   |
| Storage Stability               | Two years stored at 70°F (21°C) and 50% relative humidity |   |

**Product Performance and Suitability**

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