

# Product Bulletin

## Concept<sup>®</sup> 117

### Permanent/ Removable Air Egress Mounting Film

Concept<sup>®</sup> 117 is a double-coated pressure sensitive 1.0 mil clear polyester film with 200-4985 permanent adhesive on one side and 200-4999 removable adhesive on the other side. Concept<sup>®</sup> 117 has a 90# paper air egress liner on the removable adhesive side to assure smooth bubble free application. This product is designed for laminating thin flexible plastic films and papers commonly found in graphics for temporary application to glass. The permanent AP adhesive is protected by a 1.5 mil clear polyester liner. This clear mounting film can be laminated by the cold laminating process without the addition of heat.

#### Applications

Concept<sup>®</sup> 117 is designed to produce two sided decals using digital prints, screen printed and other printed images for application to glass. These decals are cleanly removable. In all cases the substrates must be clean and free of dust, dirt and oil. May be used on substrates other than glass but your specific application must be thoroughly tested before production.

#### Thickness

|                              |                            |
|------------------------------|----------------------------|
| Carrier Film                 | 0.9 to 1.0 mils            |
| Adhesive                     | 0.8 to 1.0 mils each side. |
| AP Liner                     | 1.4 to 1.6 mils            |
| Air Egress Liner             | 7.4 to 7.9 mils.           |
| (Thickness variance +/- 10%) |                            |

#### Dimensional Stability

Good.

#### Temperature Ranges

|                                 |                  |
|---------------------------------|------------------|
| Minimum application temperature | +40°F.           |
| Service temperature range       | -40°F to +180°F. |

#### Exterior Application

Removability of 200-4999 adhesive from standard window glass is up to 6 months under normal exposure conditions.

#### Adhesion

Removable Adhesive  
(AP adhesive laminated to 2-mil polyester film before adhesion testing)  
To glass 12 to 40 oz. / in.  
To standard test panels 12 to 40 oz. / in.  
When tested according to PSTC-101 Method A with a 24-hr. dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary.  
Test thoroughly before production.

#### Storage Stability

One (1) year shelf life when stored at 70°F and 50% relative humidity.

#### Product Series

Concept<sup>®</sup> 117-54



**Manufacturer of Pressure Sensitive Films,  
Traffic Graffice Floor Advertising Films,  
Custom Coatings and Printing Inks.**

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