

# Product Bulletin

## WHITE POLYPROPYLENE BARRIER FILM PERMANENT ADHESIVE

A 2.3 mil white metalized print-treated polypropylene film coated with 207-4841 white pigmented acrylic pressure sensitive adhesive on a smooth overlay liner. This film is designed to accept a variety of UV curable and solvent-based screen inks. May also be used with flexographic, offset and letterpress inks but must be tested prior to use.

### Applications

This product is designed as a low cost opaque overlaminating film for two-way decals. Film is especially suited for use with clear low tack vinyl or static cling vinyl window decals. Suggested use: (1) Print face down on a clear film. (2) Laminate barrier Film over print. (3) Print face up image on top of barrier film.

### Thickness

Film	2.3 mils.
Adhesive	0.8 to 1.0 mil.
Liner	4.0 mils.

(Thickness variance +/- 10%)

### Dimensional Stability

Film can react to heat in processing. Use minimum temperature to cure ink as excessive heat may cause overlaminated sheet to curl. In the laminating process do not use excessive unwind tension or nip roll pressure as curl could result.

### Temperature Ranges

Minimum application temperature +50°F.  
Service temperature is -40°F to +200°F.

### Expected Exterior Life

Limited.  
Polypropylene has limited resistance to UV exposure.  
Test fully for any extended outdoor use.

### Adhesion

To stainless steel 24 oz/in.  
PSTC-101 Method A with 24 hour dwell at 70°F and 50% relative humidity.  
Typical values. Individual values may vary. Test thoroughly before production.

### Opacity

Excellent.

### Water Resistance

Excellent.

### Humidity Resistance

Excellent.

### Storage Stability

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

### Product Code

PPS2W-STC-OL/53#



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

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