

# Product Bulletin

## PHOSPHORESCENT POLYESTER PERMANENT ADHESIVE

A 2.0 mil light green print-treated polyester film with 207-4841 pigmented permanent acrylic pressure sensitive adhesive on a 90# layflat 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

Product identification markings, decorative decals and name-plates.

Note: Phosphorescent film may not meet state and local codes for use as safety film in your area. Check local regulations

### Thickness

Film & Phosphorescent Coating 4.0 to 4.5 mils.  
Adhesive 1.4 to 1.6 mils.  
Liner 6.7 mils.  
(Thickness variation +/- 10%)

### Dimensional Stability Temperature Ranges

Excellent.  
Minimum application temperature +50°F.  
Service temperature range -40°F to +250°F.

### Expected Lifetime Exterior

Not recommended for outdoor use.

### Adhesion

To stainless steel 45 oz/inch.  
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.

### Light Exposure for Maximum Brightness

Sunlight, Clear	5 minutes	Office Fluorescent	15 minutes
Sunlight, Cloudy	5 minutes	Home Fluorescent	30 minutes

### Peak Emission Wave Length

530 nm

### Afterglow Brightness

20-30 mcd/m<sup>2</sup>  
Brightness after 20 min. excitation with D<sub>65</sub> illuminant for 4 min @ 200lx.

### Afterglow to Conditioned Eye

Up to 200 minutes  
Time span necessary for afterglow to diminish to .32 mcd/m<sup>2</sup>.  
Human eye perception limit.

### Water Resistance Humidity Resistance Storage Stability

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

### Product Code

C2-PHOS-STC-P/90#



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

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