

# SP 310

## ADHESIVE

### PRODUCT DESCRIPTION:

image mate SP 310 is ideal for both temporary and permanent graphics that require repositioning and removing without leaving residual adhesive. SP 310 prints smoothly, dries quickly and maintains constant adhesion and clarity even after extended aging.

### APPLICATIONS:

SP 310 is recommended for mesh counts of 60 tpi and above. Its shear-thinning qualities allow a wide range of mesh counts to be used. 60 to 100 tpi are suggested for irregular/textured substrates. SP 310 can be used for applications such as:

- Temporary tattoos on skin
- Custom labels
- Glass, Plastics, Vinyl
- POP Window displays
- Painted surfaces
- Metal
- Wood

### PERFORMANCE PROPERTIES:

A 1 min (28g/M<sup>2</sup>) dry film of image mate SP 310 cast directly into 1 mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel having a #3 surface finish.

- 180° Peel Adhesion<sup>1</sup> 4 to 5 pounds
- Loop Tack<sup>2</sup> 2.5 to 3.5 pounds
- 178° Shear Adhesion<sup>3</sup> 50 to 100 minutes

<sup>1</sup> PSTC-130 minute dwell.    <sup>2</sup> 1 square inch contact, 1 second dwell.    <sup>3</sup> 0.25 square inch, 500 gram load, 10 min. dwell.

Non-irritant as defined by 16 CFR 1500.3(C)(4)

**Removing adhesive:** image mate Degreaser 260 may be used to clean up wet adhesive immediately after printing. For tattoos, use rubbing alcohol or baby oil. For all other graphics, pull graphic perpendicular (90-degrees) from substrate to minimize adhesive residue. IPA or acetone may be used if necessary after adhesive has dried.



Chromaline Screen Print Products  
4832 Grand Ave. • Duluth, Minnesota 55807 • Tel: 218.628.2217  
Fax: 218.628.3245 • Web Site: www.chromaline.com  
E-mail: sales@chromaline.com

AN IKONICS COMPANY

ISO 9001 CERTIFIED

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### PHYSICAL PROPERTIES:

- Polymer Type: acrylic copolymer emulsion
- Appearance: white liquid, dries clear
- Bond: repositionable - removable
- Solids: 58 - 62%
- pH: 3.7 - 4.7
- Wt. per gallon: 8.6 lbs.
- Tg: ~ -40.6°F / -41°C
- VOC content: < 1% by wt. (calculated)
- Freeze/Thaw Stable: No

### STANDARD SIZES

- 5 gallon, 55 gal. drum

For Technical Service  
Call Toll Free **1-800-328-4261**  
(Outside North America Call +1-218-628-2217)  
Email: [help@chromaline.com](mailto:help@chromaline.com)