

Johnson Plastics – SubliDecal

Product Codes YSDW1250, YSDW1550, YSDW8511, YSDW1117

A 2.0-mil print-treated polyester film coated with a pigmented, permanent acrylic pressure sensitive adhesive on a 90# liner. This film is designed to accept a variety of UV curable and solvent based screen printing inks. May also be used for flexographic, offset and letter press but must be tested prior to use. The stay-flat liner is dimensionally stable to afford excellent sheet printing and processing.

Applications Decorative decals, product identification markings and nameplates. Recommended for application to flat, smooth substrates. Test thoroughly if substrate has texture or curvature.

Thickness Film 2.0 mils.
Adhesive 1.4 to 1.6 mils.
Liner 6.7 mils.
(Thickness variance +/- 10%)

Dimensional Stability Excellent.

Minimum Application Temperature 50°F.

Service Temperatures Film -40°F to +250°F.
Adhesive -40°F to +200°F.
Liner -40°F to +200°F.

If using for dye sublimation transfer printing thoroughly test product performance because the dye sublimation transfer process will usually exceed these service temperatures. Film shrink, adhesive and liner distortion can be expected when service temperatures are exceeded.

Expected Lifetime Exterior Up to 2 years.

Adhesion To stainless steel - 40 oz. /in.
Tested according to PSTC-101, Method A with 24 hr. dwell at 70° F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

Opacity Good.

Water Resistance Excellent.

Humidity Resistance Excellent.

Storage Stability Shelf life of 1 year when stored at 70° F and 50% relative humidity.