LPWB10 Artisan 10mil White Backer

Description

The most widely used method for creating colorful, durable trade show graphics is to laminate Artisan 10mil White PS Vinyl Backer to the printed side of a clear, reverse-printable polycarbonate film. LPWB10 adds rigidity, thickness and opacity to the finished trade show panel while protecting the printed surface from abrasion and moisture.

LPWB10 features an aggressive pressure sensitive adhesive optimized for use with solvent, light solvent and eco-solvent ink along with aqueous and UV inks and is 100% opaque white. The unique adhesive becomes more aggressive as a function of time and temperature. LPWB10 is recommended for use with Artisan FPCU10C and KPCU10 Clear Printable Polycarbonate films. Additionally, LPWB10 can be applied to a variety of substrates.

Construction

Face Stock:	White Co-polymer Film
Thickness:	10mil (250 micron)
Release Liner:	.0015” Clear Film Liner
Adhesive:	2mil, clear, aggressive, solvent-based permanent acrylic adhesive
Release Liner:	.0015” Clear Film
Sheer Resistance:	500g/0.25sq. inch 120 hours
Peel Adhesion:	180° P.E.T./SS: 20min. bond oz/inch: 56

Sizes

Part Number	LPWB10-3875	LPWB10-5275
Roll Width	38”/965mm	52”/1320mm
Roll Length	75’/22.86m	75’/22.86m

Storage/Handling

Shelf life up to 1 year from ship date when stored at 50˚-85˚F/40-50% RH in original packaging.

Laminating

LPWB10 has an aggressive pressure-sensitive cold adhesive. The laminator should be equipped with a release liner take-up roller. If using a laminator with a heated top roller, setting the roller to 100°F/38°C will allow the adhesive to flow better producing a more consistent adhesion to the print. Set the nip pressure to 80# psi and run at 3 fpm. The top and bottom web tension should be minimal so memory (curl) will not be a factor. It is recommended that a rigid sled at least .125” (3.175mm) of a hard surface such as acrylic or aluminum be used to guarantee consistent pressure across the web. After lamination, allow the panel to lay flat for a minimum of 2 hours cure time before trimming or rolling and when possible allow a 24 hour cure time.

When trimming the laminated graphic, always cut through the softer material first using a freshly sharpened blade with a straight edge on tempered glass. For example, on a panel composed of 10mil backer and 10mil printable polycarbonate, the backer should be cut first.

Shipping

Shipping tubes should be a minimum 12” in diameter. Finished panels should be rolled with the thinner or less rigid material on the outside of the roll (for example, a panel consisting of 10mil white backer and 10mil printable polycarbonate should be rolled with the polycarbonate on the outside of the roll).