



Description

Perma PL Inks are satin gloss single component inks used for printing a variety of materials, especially treated polyolefins and treated or untreated polyesters.

When fully cured, Perma PL Inks have good resistance to alcohol, oils, fats, and household cleaners.

Applications

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|--------------------------------|-----------------|
| * Wood | * Leather |
| * Metals | * PVC |
| * Polycarbonates | * Polyesters |
| * Treated Polyolefins (PE, PP) | * Coated Metals |

Note: When printing on polyolefins, it is recommended that the surface be pretreated with a flame or corona process so that adequate adhesion is obtained.

Mixing Instructions

Thinner should be thoroughly mixed with the ink prior to use.

Thinning Solvents

| | |
|-----------------|------|
| RA-100 Thinner | Fast |
| RA-200 Thinner | ↓ |
| RA-400 Retarder | |

Recommended Amount: 20-30% based on weight of ink.

Drying and Curing

Perma PL Inks dry to the touch quickly after printing. Ultimate physical properties or cure does not develop until complete solvent evaporation from the printed ink image has occurred. Force drying the ink at elevated temperatures reduces cure times and improves adhesion.

When printing on metal or lacquered materials, the printed substrate should be exposed to a heat drying process (10 minutes at 120°C) to improve adhesion.

When printing on acetal or polyoxymethylene plastics, flame drying will dramatically improve adhesion to the substrate.

Cleaning

Perma RA-200 Thinner is the recommended cleaning solution for all Perma PL Ink. All equipment and utensils should be cleaned immediately after use.

Storage

Perma PL Ink and Thinning Solvent should be stored at room temperature between 15° and 25° Celsius. It can be stored up to 4 years in a tightly sealed container without any adverse effects to the product quality.

For Additional Information

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