



Product Data Sheet

DIRECT THERMAL VARNISHES

General Information

Pro ColorFlex’s Direct Thermal Imprintable line of inks offers special print receptivity characteristics. It has been formulated to perform equally effective on press as a regular low maintenance “paper ink”. This water based Direct Thermal Imprintable Ink system accepts impact from a wide range of high temperature printers as well as wax thermal ribbon printers.

Key Features

- Direct Thermal imprintable
- High temperature resistance
- Excellent pH/Viscosity Stability
- Gloss and/or silk finish

Color Range

In addition to top lacquers, a complete range of Pantone® Formula Guide basic and pastel colors as well as custom matches are available.

Typical Physical Data	
pH	8.5 - 9.5
Viscosity	25–45 Sec #3 Zahn Cup
Weight / US gal. (lb/gal.)	9.00
VOC Content	<5.0%
Anilox Range	360-500 lines
Anilox Range (4CP)	****

Additives

- Retarder: Add a 50/50 mixture of Plate Retarder and water to slow down the drying time.
- Viscosity: Lower viscosity with water.
- pH: Adjust pH with very small amounts of SL-0043.
- Defoamer: Use SL-0036.

Clean Up

Anilox rolls and plates can be washed with SL-0014 Cleaner.

Safety and Handling

Refer to SDS for safety, handling and waste disposal information.