

TIUFCL8110

CLEAR UV PROTECTIVE OVERCOAT

This easy to apply, easy to clean up clear overcoat is designed to print flexographic process, providing a clear UV protective layer.

Technical Data Sheet #8110	
PHYSICAL PROPERTIES	
Specific Gravity	1.04
Typical Viscosity (Brookfield -RVT, #3 spindle @20RPM)	1100 cps
VOCs	0.17 lbs/gal 20.4 g/L
Typical Wt. % Solids	45
APPLICATION GUIDELINES	
Application Method	Flexographic
Recommended Anilox	100 lines/inch (40 lines/cm)
Drying Temperature	110° F - 125°F (43°C -52°C)
Press Speed	200-400 ft/min (60-120 m/min)
Substrate	Paper
Thinner	Distilled Water
Package quantities available	8.6lb (3.9 kg)
Warranty Period	6 months from date of shipment

Directions for Use

Please follow provided guidelines and contact our technical support for additional assistance.

1. Bring overcoat to room temperature before printing.
2. Thoroughly mix the overcoat, using a mechanical method such as a drill with a dispersion blade, for at least 10 minutes. This helps ensure the overcoat is fully homogeneous and that all solids are incorporated in the solution. To check that the overcoat is completely homogeneous use a wooden stick to probe for any overcoat solids that may remain on the bottom of the container. Failure to properly mix the overcoat may result in poor or inconsistent results.
3. A recommended thinner may be added for adjusting viscosity up to 5% at a time:
Thinner: Distilled Water
Do not mix in any additives as they may interfere with the overcoat's performance; contaminants risk changing the overcoat chemistry.
4. Be sure to wash all cleaning fluid off any area of print press that will contact overcoat; cleaning fluids can cause overcoat chemistry change.
5. Ensure that during the printing process, overcoat in the fountain is stirred continuously to avoid solids depositing on the bottom of the tray.
6. Viscosity should be monitored on a regular basis, typically 30 to 60 minute intervals.
7. Use best quality substrates.
8. Always run a sterilization test prior to a full run.
9. It is critical to ensure sufficient overcoat lay down in order for the converted chemical indicator to perform as intended.

Recommended Usage Period

Six (6) months from date of shipment when stored as recommended.

Storage & Handling

- Store overcoat in the original closed container in a cool and dry place between 40°F/4°C and 80°F/27°C; do not freeze.
- Refer to Safety Data Sheet for information on handling and safety instructions.

Warranty

LA-CO Industries (LA-CO) agrees to exchange or refund the price of Tempil overcoat which, at LA-CO's discretion, contain material and/or manufacture defects, when stored in the original container in the recommended storage conditions. There is no guarantee or warranty as to anything made or sold by LA-CO, or of any services performed except as to title and freedom from encumbrances and except as herein expressly stated and particularly, and without limit the foregoing, there is no guarantee or warranty, express or implied, or merchantability or of fitness for any particular purpose or against claim of infringement or the like. LA-CO makes no warranty (and assumes no liability) as to function of product or systems built to Buyer's design or of the ability of any goods to interface, operate or function with any portions of Buyer's system not provided by LA-CO.

Disclaimer

This document is a guideline. The selection and testing of the overcoat for specific applications is exclusively the user's responsibility. Each press and process must be individually assessed by the user.