

# LT Series Flexible Toy Lacquer

## FOR PAPER, WATER SLIDE DECALS & OTHER STOCK

A fast drying, high gloss graphics ink designed for paper stock and other flexible substrates. Resists cracking and alligating; displays excellent die-cutting characteristics. Use for water-slide decals; also recommended for Tyvek and leather. This system is Heavy Metal Free, with an approved plasticizer for the Toy Industry.

### Standard Colors

Overprint Clear*	LT-400
White*	LT-401
Black*	LT-402
Primrose Yellow*	LT-406
Fire Red*	LT-407
Magenta*	LT-408
Lemon Yellow*	LT-409
Medium Yellow*	LT-410
Orange*	LT-411
Flag Red*	LT-412
Ultra Blue*	LT-413
Brilliant Perma Blue*	LT-414
Perma Green*	LT-415
Medium Green*	LT-418
Dark Brown*	LT-421
Deep Red*	LT-424
Navy Blue*	LT-427
Light Brown*	LT-429
Emerald Green*	LT-490
Light Blue*	LT-491
Non Gel Clear	L-345
Thinner	T-804
Fast Dry Thinner	CM-9840
Screen Wash	W-110
Flow Promoter	CM-9775
Retarder	T-22
Flexiblizer	CM-P168

### Mixing Colors

Process Yellow*	LTMS-01
Mixing Orange*	LTMS-02
Rubine*	LTMS-03
Rhodamine*	LTMS-04
Purple*	LTMS-05
Reflex Blue*	LTMS-06
Cyan*	LTMS-07
Green*	LTMS-08
Mixing White*	LTMS-09
Mixing Black*	LTMS-10
Mixing Clear*	LTMS-11

\*Heavy Metal compliant and CPSIA compliant.

### SUBSTRATES:

**Coated paper stock:** Where gloss, flexibility and die-cuttability are desirable. Works well on foam board materials with clay coated paper lines.

**Water Slide Decals:** LT is the ink of choice for this resurging medium, and meets toy manufacturing restrictions. Other recommended substrates: banner materials such as Tyvek, leather, wood and metals.

**ALWAYS TEST INK WITH SUBSTRATE PRIOR TO PRODUCTION!**

### DRYING:

LT Lacquers dry through solvent evaporation. Fresh air volume is more of a factor in dry time than temperature.

**Force Dry:** For high volume air dryer (3000 – 5000 cfm, equipped with air knives) at 100 – 120 °F: 30 – 60 seconds.

**Air Dry:** 15 – 45 minutes depending on air circulation and temperature.

### STENCILS:

Direct method emulsions, capillary films.

### SCREEN MESH:

160 to 300+ monofilament.

### SQUEEGEES:

All types, 60 to 80 durometer.

### MODIFIERS:

**Reducers:** Use T-804 Lacquer Thinner or CM-9840 Fast Dry Thinner to achieve desired viscosity.

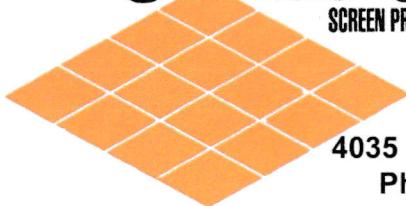
**Retarder:** Use T-22 to slow in-screen drying. Excess use of Retarder will inhibit drying of the printed film.

**Flow Promoter:** Use CM-9775 at 0.2% by weight.

**COVERAGE:** Approximately 1200 Sq. Ft./Gallon

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**CANDOC**<sup>®</sup>  
SCREEN PRINTING INKS



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