



## TECHNICAL DATA SHEET

# LithoTec 360 Series fluorescent ink concentrate

### General Description:

A daylight fluorescent ink concentrate for UV cure, heat-set and air-drying inks.

### Type of Product:

A dyed/pigmented thermoset copolymer concentrate in a compatible resin.

### Delivery Form:

Paste.

### Colours:

- Pink 1
- Red 3
- Orange 4
- Orange 5
- Orange 6
- Green 8
- Cerise 13
- Strong Magenta 21
- Chartreuse 26
- Yellow 27
- Invisible Blue 70
- Pantone® 801 Blue
- Pantone® 802 Green
- Pantone® 803 Yellow
- Pantone® 804 Orange
- Pantone® 805 Red
- Pantone® 806 Pink
- Pantone® 807 Magenta

Product Specification			
Property	Unit	Value	Test method
Viscosity (Laray)	seconds	6 – 12 @ 30°C	AP
Tack (Tack-o-scope)	tack units	70 - 120	BT
Grind (Hegman)	microns	< 1	AN
Colour (visual)		As standard	AF
Microscope exam.		As standard	BS
Proof Tests		As standard	BJ
Peppering test	microns	< 2	BU
Typical Properties			
Specific Gravity		~1.15 @ 20°C	

Copies of test methods available on request

### Features and Benefits:

- Compatible with UV curing systems
- Can be used with a variety of other mediums for oxidation or heat-set drying ink formulations.
- Sub-micron dispersion.
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

### Shelf-life & Storage Conditions:

12 months when stored in unopened containers below 35°C.  
Keep dry.  
Keep away from sources of ignition.

### Other Data:

REACH and TSCA compliant.  
Pantone® is a trademark of PANTONE® Inc.

### Safety:

Please consult our Safety Data Sheet.

Sterling Colour  
7 Stanley Street  
Stalybridge, Cheshire  
SK15 1SS  
United Kingdom

Tel: +44 (0)161 304 4020  
Fax: +44 (0)161 303 9007



[enquiries@danecolor.com](mailto:enquiries@danecolor.com)

<http://www.sterling-colour.co.uk>

The Sterling guarantee is limited to the consistent quality of its products. Technical information, advice, verbal and written suggestions and test results are offered for guidance without responsibility. No warranty of merchantability for a particular purpose is made. Users are responsible for testing our products and suggestions to ensure that they are suitable for the intended purpose and application prior to use