

# Product Name: LS-3001

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## Substrates Marked

Preferred: Coated Stock

## Product Specifications/Characteristics

<b>UN Number</b>	Not Regulated	<b>Type</b>	TIJ
<b>Shelf Life</b>	Cartridges: 12 months Liter Bottles: 30 months	<b>Fluid Base</b>	Aqueous
<b>DOT Regulations</b>	Not Regulated	<b>SDS Sheet Number</b>	5733
<b>Colors Available</b>	Black	<b>Drying Time</b>	<5 sec
<b>Specific Gravity</b>	1.0-1.1	<b>Flash Point</b>	>212°F (>100°C)
<b>HMIS Rating</b>	1-1-0	<b>NFPA Rating</b>	1-1-0
<b>Operating Conditions</b>	55-95° F (13-35° C)	<b>Recommended Storage</b>	50-86°F (10-30° C)

## Description/Special Properties

The LS-3001 is an aqueous dye based ink that displays a dark image on coated stocks and dries extremely quickly. The heads-up technology allows the cartridge to start up after extended periods of down time without wiping or purging, therefore requiring less operator maintenance.

<b>Substrate Performance</b>	600 x 300 DPI	Dryer: Off	Rating 1-5 (5=Best)
<b>Target Substrate</b>	<b>60# Offset</b>	<b>70# Matte</b>	<b>70# Gloss</b>
PMS Color	Black	Black	Black
Optical Density	0.99	1.08	1.02
Dry Time	1 sec	4 sec	5 sec
Dry Rub Resistance	5	5	5
Water Fastness	5	4	4
Wet Rub Resistance	4	4	4

Use a lint free cloth to clean the print head. Wipe slowly and lightly across the tip of the long edge with the print head facing down. Forcing the wipe (too much pressure) may scratch the print head. Use of a cloth with lint may clog the nozzles.

Less than 1 day down – Leave cartridges in the machine and wipe/purge before next use

More than 1 day down – Remove cartridges from machine and place cartridge clip over the head, wipe and purge before use.

## Formulations Available

Item Number	Name	Unit of Measure
71085237	LS-3001 SU-B Black Ink	Single Use Cartridge
71086088	LS-3001 QD-B Black Ink	Quick Disconnect Bulk Cartridge
71206904	LS-3001 LB Black Ink	1 Liter Bulk Bottle
71213138	LS-3001 BiB Black Ink	1 Liter Bag in Box

A Safety Data Sheet is furnished with every order