

Product Name: LS-3011

Substrates Marked

Preferred: Porous and Semi-Porous Substrates

Product Specifications/Characteristics

UN Number	Not Regulated	Type	TIJ
Shelf Life	Cartridges: 12 months Liter Boxes: 30 months	Fluid Base	Aqueous
DOT Regulations	Not Regulated	SDS Sheet Number	6018
Colors Available	Black	Drying Time	<5 sec
VOC	213 g/l	Flash Point	>212°F (>100°C)
Specific Gravity	1.052	Recommended Storage	50-86°F (10-30° C)
Operating Conditions	50-104° F (10-40° C)		

Description/Special Properties

The LS-3011 is an aqueous, dye-based ink that displays a dark image on porous and semi-porous substrates and dries extremely quickly. The heads-up technology allows the cartridge to start up after extended periods of time without wiping or purging, therefore requiring less operator maintenance.

Substrate Performance	600 x 300 DPI	Dryer: Off	Rating 1-5 (5=Best)
Target Substrate	60# Offset	70# Matte	70# Gloss
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 8 hours down – Leave cartridges in the machine and wipe/purge before next use

More than 8 hours 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
71214288	LS-3011 SU-B Black Ink	Single Use Cartridge
71214297	LS-3011 QD-B Black Ink	Quick Disconnect Bulk Cartridge
71214296	LS-3011 BiB Black Ink	500 ml Bulk Bag/Box
71214295	LS-3011 BiB Black Ink	1,000 ml Bulk Bag/Box

A Safety Data Sheet is furnished with every order.

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