

Product Name: LS-6023

Substrates Marked

Preferred: Non and Semi Porous Substrates

Product Specifications/Characteristics

UN Number		Type	TIJ
Shelf Life	Avg: 7 months @ 25C 12 months @ 5C (Storage)	Fluid Base	Solvent
DOT Regulations	Regulated	SDS Sheet Number	5881
Colors Available	Black	Drying Time	See Below
VOC	731 g/l	Flash Point	77°F (25° C)
Specific Gravity	0.84	Recommended Storage	40°F (5° C)
Operating Conditions	50-104° F (10-40° C)		

Description/Special Properties

The LS-6023 is a solvent based black dye ink for use on a variety of packaging substrates. In addition to semi-porous materials, this ink can print on non-porous materials (PET, HDPE, LDPE, oriented Nylon, varnish overcoats, clay-coated materials, aqueous acrylic resin coatings, polyesters, etc.). Because this ink is a fast-drying ink, a heater is not required to facilitate application. This ink is notable for ease of use and has extended open time.

This ink uses light fast and water resistant dyes, however it is not recommended that printed materials be exposed to direct sunlight for long periods of time or immersed in water. This product contains alcohol based solvents. Print quality varies depending on application and environment. It is recommended to obtain sample marking first to prove this application.

Storage Conditions – Avoid exposure to extreme high or low temperatures or direct sunlight and store in a cool or refrigerated place.

Clean head with a dry, lint free wipe. Do not clean with water.

Open Time / Standby Time

>24 hours

Dry Times

Dry time will vary depending on the actual substrate being marked as well as the specific application parameters, but this data can be used as a guideline for observed dry times:

600X600 DPI	8 seconds
600X300 DPI	4 seconds
600X150 DPI	2 seconds

Formulations Available

Item Number	Name	Unit of Measure
71202821	LS-6023 SU-B Black Ink	Single Use Cartridge
71202798	LS-6023 QD-B Black Ink	Quick Disconnect Bulk Cartridge
71202822	LS-6023 LB Black Ink	Approx. 1,000 ml Bulk Bag/Box

A Safety Data Sheet is furnished with every order

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