

Product Name: LS-7001

Product Code: 71083132

Substrates Marked

Preferred: Non porous substrates
such as:

PS, PET, PP, HDPE, LDPE, OPP films and other coated substrates

Product Specifications/Characteristics

UN Number	1210	Type	TIJ
Shelf Life	6 Months – cool storage	Fluid Base	Solvent
DOT Regulations	II	SDS Sheet Number	5228
Colors Available	Black	Drying Time	<5 sec.
Specific Gravity	.82	Flash Point	>16°F (>-9° C)
HMIS Rating	2-3-0-C	NFPA Rating	2-3-0
Operating Conditions	55-95° F (13-35° C)	Recommended Storage	40°F (5° C)

Description/Special Properties

The LS-7001 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 (PS, PET, PP, 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 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. This product contains ketone 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 temperature 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

20 minutes without wiping or spitting, indefinite with background spitting, cap at end of shift or work day.

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

Matthews Marking Systems
6515 Penn Ave.
Pittsburgh, PA 15206
website.com

Item Number	Name	Unit of Measure
71083132	LS7001 SU Black Ink	Single Use Cartridge

A Material Safety Data Sheet is furnished with every order.

Original Date: January 27, 2016

Revision Date: