Jet Letterpress Series Photopolymer - Material Technical Data Sheet

Prepared for: Boxcar Letterpress; Syracuse, NY (Agent) Date: July 17, 2014

Material: Jet Letterpress Series Photopolymer

Nomenclature: **LSL-145-HSB**

Application: Flatbed Letterpress

Features: Laser Engravable, High Resolution, Non Cracking, Bio-Degradable Photopolymer Layer

Available Sizes:

A-1	(S)	23.4" x 33.1"	10 Sheets / Case	$129.57	per Sheet
A-2	(S)	16.5" x 23.4"	10 Sheets / Case	$64.79	per Sheet
A-3	(C)	11.7" x 16.5"	20 Sheets / Case	$35.64	per Sheet
A-4	(S)	8.3" x 11.7"	20 Sheets / Case	$16.20	per Sheet
B-5	(S)	6.9" x 9.8"	20 Sheets / Case	$9.30	per Sheet

Terms: Sizes Subject to Availability • Prices Quoted are Discounted & Based on Account Payables Status • Broken Cases Revert to List Price
25% Restocking Fee • Returns Require RMA Number Issued by Jet USA • (C) Converting Fee Applies • Prices Subject to Change

Specifications:

Thickness:	.057" / 1.45 mm
Face Relief:	.044" / 1.13 mm ▪ PVA (Polyvinyl Alcohol)
Substrate:	.013" / 0.32 mm ▪ Steel Base
Durometer:	90° Shore D Hardness
Surface Texture:	Non Matte

Processing:

Main Exposure:	3:00 – 4:30 Minutes @ 720 mj/cm (350 nm)
Shoulder Angle:	25° - 30°
Resolution (inches/inches):	150 dpi @ 3%
Minimum Isolated Dot (um):	200
Maximum Isolated Dot (um):	40
21 Step Exposure Scale:	16-18
Washout:	4:00 – 6:00 Minutes
Bath Temperature:	< 23° C / 72° F
Dry:	30:00 - 40:00 Minutes in Convection Dryer
Temperature:	80^{O} C / 176^{O} F
Post Exposure:	5 - 6:00 Minutes

Effluent Data: .0025 Square Meter of Jet Letterpress Series Plate in ONE LITER of water.

PH = 6.0 COD = 1941 BOD = 44 Biochemical Demand

Unit	MG / LITER	Unit	MG / LITER
F - Fluoride	Less than 0.1	Cu - Copper	0.07
Hq - Mercury	Less than 0.0005	Zn - Zinc	0.04
Co - Cobalt	Less than 0.01	Mn - Manganese	Less than 0.01
Pb - Lead	Less than 0.05		

Note: You may filter waste water before discharging into local sewer. Use a Sub-Micron mesh filter. Dry filtered waste and dispose in refuse. Consult Local Authorities for Regulations in your Area.

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