

Plastic Bag Marking

CX16 Continuous Ink-Jet Marking

Market

What is being marked?

Plastic Ice Bags
LDPE plastic film



Application

Why is it being marked?

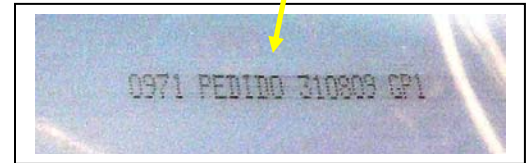
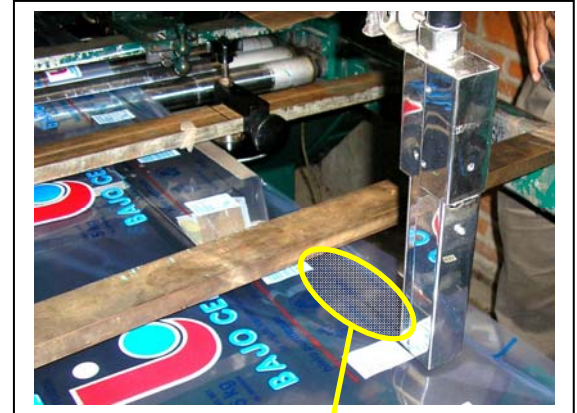
Sequential Counter - to ensure the correct number of bags are packaged for orders.
Batch/Group/Order number – for quality tracking.

When is it marked?

On a web film, while the bags are flat in a continuous roll state. The bags are marked as they are moving at a line speed of approximately 42 feet per minute. Production rate is normally estimated at 72,000 bags per day.

How is it marked?

With the CX16 continuous ink-jet printer. Message is a single line of approximately 1/8" (3mm) characters, using black L219 MEK based ink. Printing orientation is with the print head in vertical position printing downward. Using an encoder to track the line speed of the continuously moving film, and a photo cell to trigger the print. The photo cell senses a hole on the bag and this triggers the print head to print at a specifically positioned point on the bags.



Helpful Hints

This versatile Matthews CX16 continuous ink-jet printer (CIJ) packs a lot of value for your variable marking and coding applications.

Ideal for marking applications for up to two lines of small character coding (.07"-.28") onto a multitude of products; such as wax-coated carton packaging, plastics or metals.

From date coding products in the food and beverage industry, to lot coding in the electronic components or cosmetics industries, the CX16 is ready to meet your specific marking challenges.

Matthews Marking Products

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