



## Bar Code Labels

Inventory control is basic to every manufacturing environment. The use of advanced materials solutions in bar code labeling enhances the ability of companies to control their inventory process and create efficiency and savings in this often labor-intensive function.

### 3M Bar Code Label Material

Bar code labels made from 3M™ retro-reflective material are used for identification of warehouse racks or larger products such as hand-wrapped coils. This advanced solution allows manufacturers to scan storage racks from longer distances and, in the case of items such as metal wire rolls, facilitates adhering bar-code labels to rough surfaces. The benefits to customers are many:

**Saves time and improves accuracy** -- eliminates manual data entry. Bar codes may be scanned from long distances without increasing the power of the bar code reader.

**Improves inventory control** -- reduces the number of lost or misplaced inventory items.

**Improves shipping accuracy** -- decreases number of products shipped incorrectly.

**Improves time and labor management** -- eliminates need for stockers to manually locate each inventory item, which avoids shipping delays and improves delivery.

**Quick and easy to use** -- shortens training time needed to implement an inventory control program.

**Easy application** -- label material can be applied to a variety of surfaces.

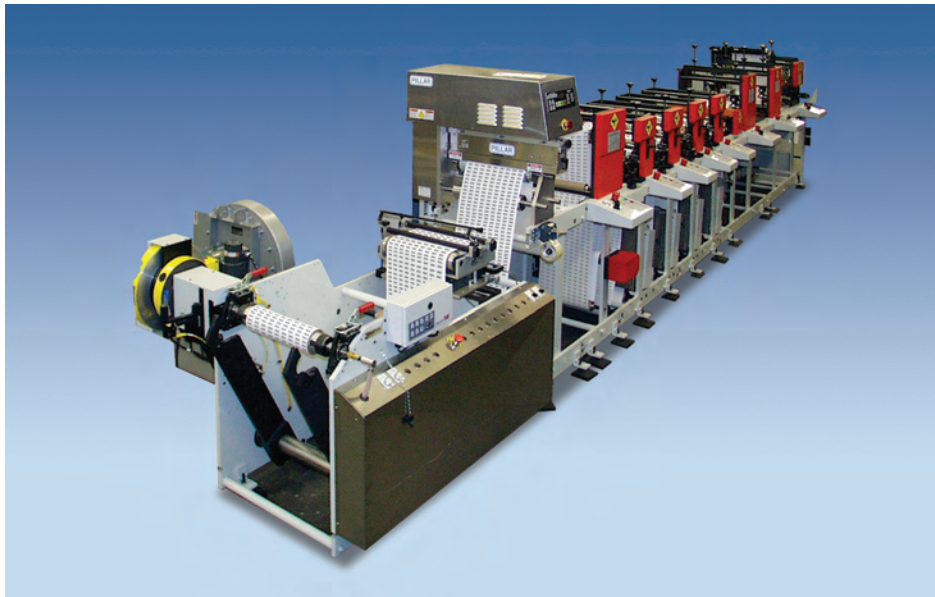


*3M bar code labels allow manufacturers to scan from longer distances.*



*3M retro-reflective material can adhere to a variety of rough surfaces such as metal wire rolls.*





*3M label material being processed on Fabrico's multi-stage Aquaflex Converting System. The Aquaflex can be used for printing, laminating, die-cutting, and slitting.*

## Fabrico Converting Capabilities

Fabrico's broad range of cutting capabilities, including rotary die cutting, allow for accurate cutting or slitting of thick label material. Fabrico utilizes its experienced design engineering team and a broad range of in-house converting equipment to provide custom flexible material solutions for unique size and shape requirements.

Fabrico can cut intricate patterns to tight tolerances, and laminate the material with pressure-sensitive adhesives. Material thicknesses can range from 0.001" – 1", with widths up to 13". There is no limit on the length of the sheeted materials, and the maximum for individual die-cut part lengths is 22". Laser cutting capabilities can produce 0.040" slots and 0.010" diameters, significantly smaller than the features cut by other types of converting equipment. Fabrico's rotary press performs with high accuracy, at tolerances to +/-0.005".

## About Fabrico

Fabrico is the market leader in design and manufacturing services for flexible materials. By focusing on its customers' needs, Fabrico has developed a reputation for solving unique challenges and providing sound customer solutions.

The company offers a wide range of product design and engineering capabilities including custom die cutting, rotary die cutting, prototyping, manufacturing, and final assembly and kitting.

Fabrico provides design solutions for several applications, including bonding and sealing, electrical insulation, EMI/RFI shielding, vibration dampening, masking, and many others. This broad base of expertise allows for creative and integrated solutions with strict adherence to application requirements.

## What is a 3M Preferred Converter?

As a 3M Preferred Converter, Fabrico receives the latest in material information and exclusive training from 3M, further enhancing their expertise in the design and custom fabrication of flexible materials.

This alliance blends 3M's high-value products with Fabrico's applications and manufacturing expertise to provide customers with the best solution for their application.



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