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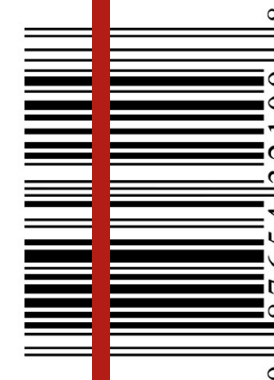
and many more!



## THERMAL PRINTING



**Horne Tag, Label and Packaging Supplies** is here to support your needs for thermal printing, from the software, to the printer, to the ribbon and of course the labels. Thermal Printing is an on demand technology where ink is transferred from a base film to a transferring material using heat, pressure and speed. There are two types of thermal printing, Thermal Transfer and Direct Thermal. Thermal Transfer Printing is a unique process that stands unparalleled by other variable imaging technologies for bar code labeling solutions. Unlike any of its counterparts, thermal transfer printing provides fail-safe durability, versatility and high-resolution output. Direct thermal printing) is a digital printing process which produces a printed image by selectively heating coated thermochromic paper, or thermal paper as it is commonly known, when the paper passes over the thermal print head. The coating turns black in the areas where it is heated, producing an image. Two-color direct thermal printers can print both black and an additional color (often red) by applying heat at two different temperatures.



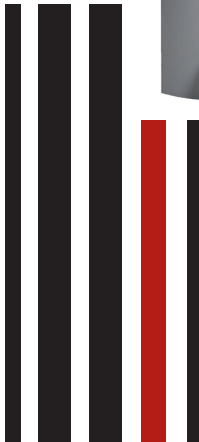
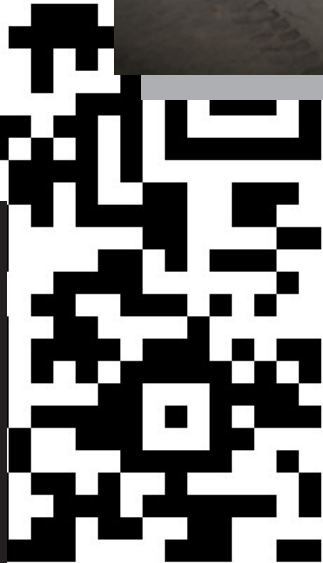
**hornelabel.com**  
**803-324-3073**

## PRINTERS AND SOFTWARE

*Horne Tag, Label and Packaging Supplies* partners with the leaders in the thermal printing industry to bring you the best printers and software for competitive prices. We can help you find the right thermal printer and software to make your label application as easy and seamless as you need it to be.

Offering a wide range of printers from the biggest names in thermal printers, we have every thermal printer your company could need from a portable hip printer, to a 8" tabletop printer. We also offer technical support to get your printer installed and printing your labels in as little time as possible.

Horne Tag, Label and Packaging also offers the full array of software. We are here to help you get back to what you do best.



## RIBBONS

### Wax

Different types of hard and soft waxes are used in wax ribbons. They are generally used for short term applications where the image is not required to stand up to repeated scratching, contact with chemicals, or high temperatures. Wax ribbons can be printed on a wide range of label stocks. Typical applications include compliance labeling, and shipping labels.

### Wax/Resin

Waxes and resins are mixed together to produce ribbons that show improved scratch and smear resistance, as well as improved solvent and heat resistance over wax ribbons. Wax/resin ribbons can be printed on a wide range of label stocks, but are particularly good matches for coated papers and coated synthetics. Typical applications include bin location labels, and labeling for horticultural and health care applications.

### Resin

Resin ribbons offer the highest degree of scratch resistance. They are also resistant to a wide range of solvents and can be used in applications in which very high temperatures are encountered. Resin ribbons come with top coats to encourage adhesion to pre-treated polyester, polyimide, polypropylene, and polyethylene labels. Typical applications include agency recognized labeling, circuit board labeling, and labeling of chemical drums.

We are proud to offer thermal transfer ribbons that are manufactured in the United States. Every ribbon is made to spec, so every job is done correctly.



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