

UltraTape

Adhesive Tape & Labels for Critical Environments



UltraLabel PRO

The UltraLabel PRO is a desktop “thermal transfer/direct thermal” cleanroom label and sign printer. It handles a wide variety of jobs ranging from printing small die-cut cleanroom labels and shrink tube wire labels, to making reflective safety signs. From inventory and product labels to pipe markers or hazardous materials labels, the UltraLabel PRO provides excellent print quality and saves money by allowing in-house cleanroom labeling.

The unique design of the UltraLabel PRO, combined with the wide variety of custom supplies offered by UltraTape Industries, results in the most versatile cleanroom printer on the market. The UltraLabel PRO is able to handle most labeling and sign making tasks. It offers customers high quality thermal printing combined with the correct supplies for any job.

Easy to Learn and Easy to Use

Changing labels and ribbons with the UltraLabel PRO is remarkably easy. The entire top of the machine lifts up to provide a wide open space for changing tapes. Access through a separate door in the top of the machine makes changing ribbons fast and easy. The UltraLabel PRO is easy-to-use because it runs on software you are already familiar with. There is nothing new to learn, just create a Microsoft Word document and print it using your UltraLabel PRO. To help you get started even faster, hundreds of Word and Excel templates are provided with the system.

Easy Cleanroom Set Up Out of the Box

The UltraLabel PRO is easy to set up and ready to go into your cleanroom right out of the box. The printer is packaged and double bagged in a cleanroom and arrives so you can easily bring it directly into your clean environment without having to disassemble, wipe down or clean in any manner.

UltraLabel PRO Advantages

- Cleanroom ready out of the box
- Fast and easy set-up
- No complicated software to learn
- Fast, high resolution 300dpi printing
- Versatility of direct thermal or thermal transfer printing
- Easily compatible with custom UltraTape labels designed to fit your application
- Unlike printers with a serrated edge, the guillotine style cutter easily cuts through cleanroom polyester liners
- Improve inventory management by in-house printing of barcodes, lot numbers, and part numbers
- Improve safety and efficiency by printing large visible, long lasting cleanroom signs



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UltraTape Labels

Labels are available blank or preprinted and can be ordered in a variety of standard sizes or customized to your requirements. Adhesions can be supplied in a number of peel strengths, from non-residue ultra-removable to permanent. UltraTape labels come in a variety of colors for use in any cleanroom application.



Face Stock:

- Polypropylene (BOPP) - Biaxially oriented polypropylene for resistance to stretch and tearing.
- Polyester (PET) - Polyethylene Terephthalate polyester film for high tensile strength, chemical and dimensional stability.
- Top Coated - For better printing ink adhesion.

Adhesive:

Acrylic - Formulated for heat and oxidation resistance, to be less susceptible to adhesive flow and to maintain a high level of clarity.

Liner:

Made of polyester (PET) the liners are optically clear for easy inspection of the adhesive layer and excellent material for cleanrooms with less particulates as compared to paper liners.

Thermal Labels:

There are two types of thermal labels and each uses a heat process.

Thermal Transfer Labels:

In printing, a ribbon runs over the top of the label material and together they pass between a metal plate and print head. The heated print head causes the coating from the ribbon to be transferred to the label. Available in rolls or in continuous fanfold.

Advantages:

- High quality on-demand printing
- Excellent density for bar codes
- Print media less expensive
- Large variety of label stocks
- Inexpensive print equipment
- Print speed higher than direct thermal
- Suitable to industrial environments

Direct Transfer Labels:

Special direct thermal face stock means no ribbon is necessary to create the image. When the heated print head contacts the face stock, it causes a chemical reaction to create the image. Available in rolls or in continuous fanfold.

Advantages:

- High quality on-demand printing
- Excellent density for bar codes
- Lower cost than thermal transfer
- Inexpensive print equipment
- Suitable to industrial environments