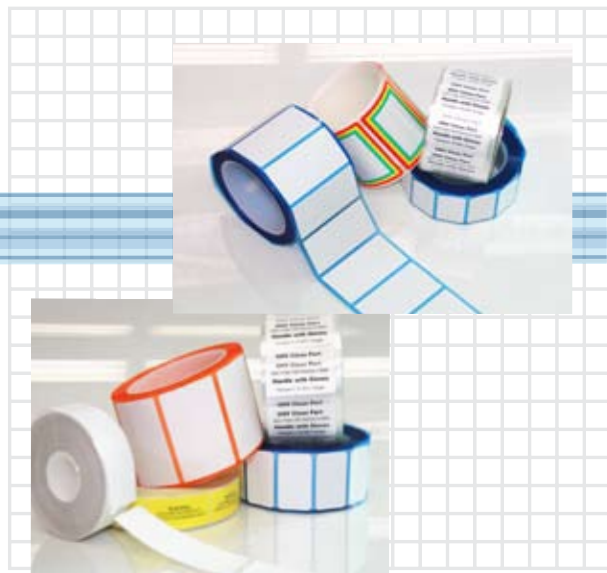


UltraTape

Adhesive Tapes and Labels for Critical Environments

UltraTape provides Cleanroom Certified Labels for use in critical environments as well as standard labels for general purpose use. Our pressure-sensitive labels for removable or permanent applications can be customized to meet your specific application. UltraTape's particle-free, residue free labels are ideal for use in the semiconductor, medical/pharmaceutical and electronics industries.



UltraTape's UltraClean and EconoClean labels meet or exceed your cleanroom standards

- UltraClean labels are suitable for use in Class 1 (ISO Class 3) cleanrooms.
- EconoClean labels are suitable for use in Class 1000 (ISO Class 6) cleanrooms
- Label adhesives available in permanent and two removable adhesion levels and silicone free.
- Label face stock available for thermal transfer, direct thermal, laser, inkjet, dot matrix and pen printing.
- Liners available in silicone-free, very low silicone and low silicone levels.
- Labels individually inspected, packaged, and sealed in cleanroom polyethylene bag and then double bagged to insure cleanliness upon arrival to your cleanroom.
- Available in custom sizes and print to fit all application requirements.

UltraTape's Standard Labels for all your general purpose applications

- Labels suitable for use in class 100,000 (ISO 8) cleanrooms.
- Label adhesives available in permanent and two removable adhesion levels.
- Label face stock available for thermal transfer, direct thermal, laser, inkjet, dot matrix and pen printing.
- Paper liners and face stocks available for greater economy in less critical environments.
- Available in custom sizes and print to fit all application requirements.

Solutions for your cleanroom

Environmental Health and Safety Labels

- RoHS certified labels
- Processed through clean manufacturing process
- Ideal for labeling hazards in your workplace

Cleanroom Labels

- Particle-Free, Residue-Free
- High and low tack levels
- Available in multiple colors

Medical/Pharmaceutical Labels

- Sterilized gamma irradiated labels
- Autoclavable labels
- Sterile, low outgassing

Cleanroom Construction Labels

- Easy to write on.
- Easily removable after construction.

email: sales@cleanroomtape.com

UltraTape Industries · 2814 19th St. SE · Salem, OR 97302 · 503-540-8946 · Fax 503-365-8005

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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