

About Heat Transfer Decorating:

Heat Transfer Decorating is a form of product decorating that uses a combination of heat, pressure and dwell to apply pre-printed graphics permanently to a part.

Heat Transfer Labels are environmentally friendly reverse printed labels which are transferred off a special wax release carrier onto a container through heat and pressure. The results give the impression of a "no-label" look where the decoration appears to be part of the container.

The Label construction consists of adhesive lacquer, ink layer, protective lacquer and release paper.



Benefits of Heat Transfer Labels:

Heat Transfer Labels deliver many benefits including:

- **Brilliant, Multi-Colored Graphics:**
 - Gravure Printed Quality
 - Photographic Resolution
 - Metallic Like Colors
 - Vignettes & Tones
- **Permanent, Safe Decoration:**
 - Moisture & Chemical Resistant
 - Durable
 - Dry Process (No Wet Inks/Screens)
 - Comply with CONEG (Coalition of Northeastern Governors) Regulations I6CFR1303 Lead Ban
 - Oral Toxicity Test Approved

- **Sustainability:**



- Labels can Remain on Plastic Containers during Recycling & Re grind
- Only Applies Ink & Lacquer on Containers (no heavy metals used)
- Wax Release Liner is Biodegradable

Benefits of Heat Transfer Label Equipment:

- **High Speed Application:**

- Matches speed of fillers (application dependent)
- Multiple molders can feed one decorator

- **Minimal Set-up Time:**

- Labels in roll format
- Simple label changeovers
- Roll-to-roll label splicing

- **Electronically Controlled Motion:**

- Precise, Programmable label position
- Long lifecycle



- **Decorating Flexibility:**

- Various container sizes/shapes can be run
- On-demand decorating
 - Multiple SKU's on same bottle style

- **Both Pre and/or Post Flame Treat Available:**

- Pre-treat: used to change dyne level of container surface to improve adhesion of label
- Post-treat: used to "gloss-up" label graphics; delivers outstanding image quality

- **Stretch Graphics:**

- Allows label to be "fit" to a container
- Label can be stretched to accommodate inconsistent container dimensions or changes

- **Small Machine Footprint:**

- To maximize your plant floor space