



Halo-Free ECO Heat Transfers

Avery Dennison Halo-Free ECO Transfers are made from a proprietary formula of water-based inks to deliver the softest quality 'tag-free' solution. High quality printing guarantees positive brand recognition and aesthetics that will not fade with either washing or wearing. These transfers feel good and look great withstanding dry cleaning and home laundering at temperatures up to 120°F / 50°C.

Features and Benefits

- Halo-Free: no visible adhesive shadow around the motif creates a crisp, clean image
- EcoFriendly™: water based inks, PVC-free, no harmful substances
- Soft and flexible—perfect for skin contact applications
- Excellent durability and wash resistance to match garment life cycle and maintain brand integrity

Key Information

- Meets Öko-Tex 100 Class 1
- Contains no Azo dyes, no formaldehyde, heavy metals or vinyl products
- Wash resistance: up to 50 home launderings
- Recommended for use on cotton, cotton blends with moderate stretch polyester and nylon
- Not recommended for use on water resistant fabrics or high-stretch performance fabrics
- Available on a recyclable carrier
- Available in cut singles


Typical Applications

- Men's and women's casual clothing
- Children's wear
- Intimate apparel
- Sportswear
- Corporate wear





Halo-Free ECO Transfers: Technical Information

PROPERTIES			
Product Reference		Halo-Free ECO Heat Transfers	
Carrier type	Recyclable paper or film		
Colors	Single and two color format, custom-matched.		
Design	Minimum font size 5pt. Customized design. Vector based artwork should be supplied in Illustrator, Corel Draw or Freehand.		
Handle	Soft hand		
Release characteristics	Tepid to cold peel (minimum of 4 seconds wait prior to peeling)		
Finishing	Cut single		
TYPICAL APPLICATION PARAMETERS: <i>These application details are guidelines based on Avery Dennison internal testing. Customers should always test all applications on the full range of fabrics before going into production.</i>			
Recommended Start Application Settings	Temperature	Dwell Time	Applied Pressure
	325°F–350°F 163°C–177°C	3–5 seconds	12–20 PSI 0.8–1.4kg/cm ²
PERFORMANCE CHARACTERISTICS: <i>Wash performance and durability is dependant upon correct application. Customers should always test all applications on the full range of fabrics before going into production. Tests should be conducted 36 hours after application.</i>			
Domestic Wash	Up to 120°F / 50°C		
Dry Clean	Yes		
Ironing	Light ironing only at maximum 285°F / 140°C, keeping the iron in motion.		
TYPICAL FABRIC TYPES			
Cotton, polyester, poly/cotton and nylon. Cotton rich blends with less than 10% Lycra, Spandex or Elastane and fabrics with low to moderate stretch.			
STORAGE			
Do not expose to direct heat, sunlight or high humidity. Avoid stacking and dusty storage conditions. Storage conditions should be 32°F–86°F / 0°C–30°C with relative humidity of 70% or lower. If stored at these conditions, shelf life of the product is one year.			
ADDITIONAL INFORMATION			
Options	Flame resistant option available on request		
Accreditations	Öko-Tex Product Class I. Colorfastness to chlorine and sea-water		
Availability	Global availability		

*Avery Dennison EcoFriendly is a trademark of Avery Dennison Corporation. This mark indicates that these products and materials were produced with environmentally beneficial features. For more specific information on Avery Dennison's eco-friendly product features and corporate philosophy on sustainability, go to www.ibmd.averydennison.com.

Avery Dennison liability is limited to the replacement value of defective transfers. In no event shall Avery Dennison be held liable for consequential, indirect or incidental damages. Products can be subject to change without notification. All information given is based on the results of testing performed by Avery Dennison. Customers should test any product thoroughly through all relevant processes. Specifications subject to change without notice.

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