

# Duratek Labels.

## Technical Data Sheet (Product Number: DL1603W/H)

**Product:** Destructive Labels – White & Hologram

### 1. Product Description

Duratek **Destructive Labels** are tamper-evident security labels designed to break apart (self-destruct) into small fragments upon any attempt at removal. This ensures the label cannot be transferred, reused, or reapplied. Available in both **White Destructive Film** and **Holographic Destructive Film**, these labels provide high-level security for warranty protection, brand protection, and anti-counterfeit applications.

### 2. Construction

Layer	Material	Key Properties
Face	<b>White Destructive Film</b> (50–70µ PVC or brittle PP)	Breaks apart easily,
Stock		writable/printable surface
	<b>Holographic Destructive Film</b> (50–70µ PET hologram)	Eye-catching holographic effect, brittle film
Adhesive	Permanent acrylic adhesive	High tack, ensures label fragments stay adhered
Liner	Glassine / PET liner (60–80 gsm)	Stable for precision die-cutting

### 3. Key Features

- **Tamper Evident:** Breaks into tiny fragments on removal attempt.
- **Non-Transferable:** Impossible to reapply once damaged.
- **Dual Options:** Available in White or Hologram finish.
- **Printable:** Supports thermal transfer, UV, and digital printing (white).
- **Customizable:** Logos, serial numbers, QR/barcodes available.
- **High Adhesion:** Bonds well to plastics, metals, and coated papers.

### 4. Typical Applications

- Warranty seals for electronics, appliances, and mobile devices
- Security labels for high-value goods

- Anti-counterfeit protection with holographic finish
- Medical and pharmaceutical packaging
- Asset protection and tamper-proof labelling

## 5. Technical Performance

Property	White Destructive	Hologram Destructive	Test Method
Face Stock Thickness	50–70 $\mu\text{m}$	50–70 $\mu\text{m}$	Caliper
Adhesion (Initial)	8–12 N/25mm	9–13 N/25mm	PSTC-1
Peel Adhesion (24 hrs)	12–16 N/25mm	14–18 N/25mm	PSTC-1
Service Temperature	-10°C to +70°C	-10°C to +80°C	Internal method
Application Temperature	$\geq 10^\circ\text{C}$	$\geq 10^\circ\text{C}$	Internal method
Printability	Thermal transfer, UV, digital	UV, holographic laser	In-house test

## 6. Shelf Life & Storage

- **Shelf Life:** 12 months from manufacturing date.
- **Storage Conditions:** Store at  $22^\circ\text{C} \pm 2^\circ\text{C}$ , 50–55% RH, away from direct sunlight and heat.

## 7. Compliance

- RoHS & REACH compliant
- Halogen-free adhesive system
- Available with serialization and security printing

## Disclaimer

The above values are typical and not guaranteed. End users must validate suitability before use in their specific application.