

SPECIFICATION
THERMAL TRANSFER PRINTABLE DESTRUCTABLE VINYL

Face stock: 50 Micron White Destructible Vinyl

Adhesive / Thickness: PA-T1 Adhesive 22 microns

PA-T 1 is a strong, permanent acrylic adhesive with a proven performance for standard labels nameplates and other similar uses. It has high cohesion and good heat resistance to heat, cold water and UV. It also has good quick-stick, peel and shear strength with excellent adhesion to low surface energy surfaces. It is designed for high-speed automatic label application.

Release Liner: 7lk

The 7LK liner is an 85gsm white glassine paper with silicone coating. This liner is specifically designed to facilitate rotary die cutting and is primarily used for roll label applications.

Printability: Non Top Coated

Designed to be imprinted with thermal transfer ribbons. As specific printers and ribbons vary, however in house testing is recommended to insure compatibility with your application. Product is also printable with some conventional inks. Again, in-house testing is recommended.

General Characteristics

Adhesion: Destructible bond on stainless steel (PSTC-1, 15min dwell) and on most low energy surfaces (PSTC-1 24hr dwell). In house testing is recommended to determine applicability to your specific application.

Tensile Strength: MD and CD strength is approximately 1.8 to 2.8 kg/mm²

Flexibility: Successfully applied to stainless steel, glass and painted steel. Minimal to no edge lift after 24 hours.

Dimensional Stability: Good

Chemical Resistance: Applied labels generally found to be resistant to water, mild acids, salt and alkalis, petroleum based greases, oils and aliphatic solvents.

Minimum Application Temperature: +40°F (+4°C)

Service Temperature range: -50°F (-46°C) to +200°F (+93°C)

Outdoor Durability: One year when properly processed under normal vertical Exposure conditions.

This product is designed to be destructable and matrix strippable, but presses and process conditions vary. It is recommended you fully test before production use.