

Technical Datasheet PE 231

Product Description

Labels for thermal transfer printers

Material

Foil	Polyester foil, surface printable Thickness: 0.05 mm Color: white matt
Adhesive:	Heat-stabilized acrylate adhesive Suitable for food-related applications

Adhesive Force

Measurements made following 72 hours of contact	
High-grade steel	605 N/m
Acrylic	495 N/m
Glass	550 N/m

Temperature Range

When applying:	+10 °C to +40 °C
After application:	-40 °C to +150 °C

Stability

Excellent ruggedness against solvent, water, humidity, oil alcohol, household cleaner and industrial chemicals.

Characteristics

Excellent ruggedness against abrasion, heat and aging; not shrinking, stable under UV light, electrically conductive.

Electrical

Characteristics

Dielectric strength	3.8 kV/m
Surface resistance	3.2×10^{14} Ohm

Printability

Thermal transfer printers

Smear Resistance

Resistant to water, oil and gasoline

Specification

For interior and exterior application, UL listed MH 16635

Shelf-Life

2 years	with 23 °C and 50% relative humidity; without direct exposure to the sun
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