

TECHNICAL INFORMATION



-Luggage Label / Baggage Tag-

PB DT ECO-PET-11/AL01/WG62

PHYSICAL CHARACTERISTICS

Facestock

DT ECO-1

Non top-coated direct thermal paper with standard sensitivity. Resistant to thermal image smudging and scratching.

Basis weight ISO 536 : 74 gsm
Caliper ISO 534 : 79 µm

PET12

A transparent polyester film.

Caliper ISO 534 : 12 µm

Adhesive

A general purpose emulsion acrylic permanent adhesive with good die cutting performance. The adhesive has excellent tack on all normal substrates, including non-polar surfaces, film and corrugated board.

The adhesive is compliant to ISEGA for use on labelling of food packaging materials (indirect food contact) based on European requirements (EU10/2011) with recommendations of the BfR. ISEGA has EN ISO 17025 accreditation for analytics and EN 45011 for certification.

Minimum Application Temperature: +5°C

Product Functional Service Temperature: -20°C / +80°C

Liner

A super-calendered white glassine backing paper.

Basis weight ISO 536 : 58 gsm
Caliper ISO 534 : 51 µm

PERFORMANCE CHARACTERISTICS

| Properties | Test Method | Typical values |
|-----------------------------|-------------|---------------------|
| Initial Tack on Glass | FINAT FTM9 | 18.0 N/25mm |
| Adhesion to Stainless Steel | FINAT FTM2 | 7.0 N/25mm (20mins) |
| Total Product Caliper | ISO 534 | 168 µm |

Shelf life

6 months when stored at 22°C and 50% RH

DT ECO-1 should be stored indoors, at temperatures between 18°C and 24°C with a relative humidity of 40% to 60%. Longer-term storage at temperature over 40°C or over 60% relative humidity can lead to a reduction in image contrast. Direct sunlight, fluorescent and similar UV light sources should be avoided.

The information given above are based on typical measured values; they are subject to technical changes and improvements without prior notice. It is the user's responsibility to check, prior to use, whether the product is suitable for the intended application.

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