

TECHNICAL INFORMATION PRELIMINARY



-Luggage Label-

PB DT-PET-03/PR80L/WG62

PHYSICAL CHARACTERISTICS

Facestock

DT TC-3

Top coated direct thermal paper with good image preservation, standard sensitivity and promising resistance to fats, heat and moisture, thermal image smudging and scratching.

Basis weight ISO 536 : 65 gsm
Caliper ISO 534 : 70 µm

PET23

A transparent polyester film.

Caliper ISO 534 : 23 µm

Adhesive

Hot melt pressure sensitive adhesive, permanent type, with universal adhesion properties to various substrates and excellent die cutting properties. Meets composition requirements of indirect food additives regulation FDA 21-CFR-175.105 and complies with BfR (ISEGA Certificate) recommendations for direct contact with dry and moist, non-fatty food stuff.

Application Temperature : 0 °C / +50 °C
Product Functional Service Temperature: -40 °C / +60 °C

Liner

A super-calendered white glassine backing paper.

Basis weight ISO 536 : 60 gsm
Caliper ISO 534 : 54 µm

PERFORMANCE CHARACTERISTICS

Properties	Test Method	Typical values
Initial Tack on Glass	FINAT FTM9	18.0 N/25mm
Adhesion to Stainless Steel	FINAT FTM2	9.0 N/25mm (20mins)
Total Product Caliper	ISO 534	175 µm

Shelf life

1 year when stored at 22°C and 50% RH

DT TC-3 should be stored Indoor, 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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