

# TECHNICAL INFORMATION PRELIMINARY



*-Luggage Label-*

## PB DT-PET-02/PR80L/WG62

### PHYSICAL CHARACTERISTICS

#### Facestock

DT TC-2

Top coated direct thermal paper with excellent image preservation and standard sensitivity. The paper gives superior resistance to fats, alcohols, heat and moisture, thermal image smudging and scratching.

Basis weight ISO 536 : 76 gsm  
Caliper ISO 534 : 80 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     | 185 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

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a reduction in image contrast. Direct sunlight, fluorescent and similar UV light sources should be avoided.

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