

TECHNICAL INFORMATION PRELIMINARY



- Rubber Hotmelt PSA Label -

DT ECO-1/PR80T/WG62

PHYSICAL CHARACTERISTICS

Facestock

A matte white, non top-coated thermal sensitive facestock offering direct thermal printing in slow to medium speed.

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

Adhesive

Hotmelt 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 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	15.0 – 22.0 N/25mm
Adhesion to Stainless Steel	FINAT FTM2	8.0 – 11.0 N/25mm (20mins)
Total Product Caliper	ISO 534	150 µm

Shelf life

6 months under the stated below conditions.

DT ECO-1 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.