

TECHNICAL INFORMATION PRELIMINARY



- Rubber Hotmelt PSA Label -

DT TC-3/PR80T/WG62

PHYSICAL CHARACTERISTICS

Facestock

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

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 : +5°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 – 24.0 N/25mm
Adhesion to Stainless Steel	FINAT FTM2	7.0 – 12.0 N/25mm (20mins)
Total Product Caliper	ISO 534	141 µm

Shelf life

1 year under the stated below conditions.

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.