

TECHNICAL INFORMATION PRELIMINARY



- Variable Information Prime PSA Label -

DT TC-2/WP04T/WG62

PHYSICAL CHARACTERISTICS

Facestock

Premium top coated direct thermal paper with excellent image preservation and superior resistance to fats, alcohols and other solvents.

Basis weight ISO 536 : 76 gsm
Caliper ISO 534 : 80 µm

Adhesive

A general purpose acrylic permanent adhesive with excellent clarity and aging resistance. It has good tack to low surface energy substrates. It is compliant US FDA 21 CFR 175.105 (Adhesive) for food packaging & food processing as well as ECC 88/378/EEC, CEN EN71, PART 3.

Minimum Application Temperature : +5°C
Product Functional Service Temperature: -20°C / +80°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	13.0 N/25mm
Adhesion to Stainless Steel	FINAT FTM2	5.5 N/25mm (20mins)
Total Product Caliper	ISO 534	151 µm

Shelf life

1 year when stored at 22°C and 50% RH

DT TC-2 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.