

TECHNICAL INFORMATION PRELIMINARY



- Variable Information Prime PSA Label -

DT TC-2/TP43T/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 emulsion acrylic permanent adhesive, with excellent clarity and aging resistance. It has good tack to low surface energy substrates. This adhesive is compliant to US FDA CFR 175.105 (Adhesive) for indirect food contact. It is suitable for use in food packaging and processing labeling.

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 | 18.0 N/25mm |
| Adhesion to Stainless Steel | FINAT FTM2 | 7.0 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.