

TECHNICAL INFORMATION PRELIMINARY



-Avantag Label-

PB Direct Thermal T-1P/WP01/OPP20/TP43L/WG62

PHYSICAL CHARACTERISTICS

Facestock

DT T-1P

A premium top coated direct thermal paper with minimum head-wear, excellent image preservation, delivers sharp images with superior resistance to moisture, fats, alcohols and other solvents. Exhibits good compatibility with UV flexo and UV letterpress printing processes.

Basis weight ISO 536 : 79 gsm
Caliper ISO 534 : 81 µm

OPP20

A transparent polypropylene film.

Caliper ISO 534 : 20 µm

Adhesive

A general purpose acrylic permanent adhesive with good aging and water 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. Also meets Germany BgVV Empfehlung XIV Kunststoff dispersionen, Stand 15/June/1992.

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	183 µm

Shelf life

1 year when stored at 22°C and 50% RH

Direct Thermal T-1P 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.

The information given above are based on typical measured values; they are subject to technical changes and improvements without prior notice. It is the user's responsibility to check, prior to use, whether the product is suitable for the intended application.

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