

PDT70A1-Y58HM

Face Material

weight	thickness	material
70 ± 10%g/m ² ISO 536	0.075 ± 10%mm ISO 534	Smooth, bright white paper with thermal protective coating resistance to water, oil, scratch and plasticizer

Liner

58 ± 10%g/m ² ISO 536	0.053 ± 10%mm ISO 534	Yellow glassine treated with super calender
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Adhesive

Rubber based permanent adhesive. This is an adhesive with a medium initial viscosity. It has excellent adhesion performance on non-polar surfaces; and has a certain degree of softness, which can be used for indirect to food, direct contact labeling of advertising stickers and cosmetics.

Peel adhesion

Initial adhesion 10N/25mm FTM 9 st.st	20 minutes Peel adhesion value on steel at 180° 16N/25mm or tear off FTM 1 st.st	20 minutes Peel adhesion value on steel at 90° 8N/25mm or tear off FTM 2 st.st
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Temperature

Min. Appl. Temp. 8 °C

Service Temp. -5°C+60°C (after 24hrs)

Applications

This thermal product is suitable for barcode printer. It is recommended to test it before using and avoid any long-term exposure to an environment above 50°C or direct sunlight, which to protect the quality of the product. Although the label has a certain ability to resist moisture, but not recommended to be used in water immersion or stored in a humid environment for a long time. After the label is printed, it should not be placed in a place that is easily contaminated with animal and vegetable oils or chemical substances, so as to prevent the barcode from being unscannable.

The above suggestion, application, and elaboration are not intended as the guarantee of Jinya. All sales of Jinya products shall be tested by customer in the final environment to confirm compliance with the requirements of the use of environment.

Printing Methods

It can be used for most traditional printing, due to the thermal nature of the product, processing environments above 50°C should be avoided. The ink containing alcohol or volatile organic solvent may damage the thermal layer. It is recommended to use the original ink without any additives for processing and printing as much as possible. For spot color inks or inks with additives, it is recommended to test the inks before printing.

Shelf life

12 months, applicable only to the material delivered by Jinya which has not undergone further processing, under the following **STORAGE CONDITIONS**:

- This material must be stored at a temperature of 23 ± 2°C and 50 ± 5% of Relative Humidity.
- Storage area must be dry and clean.
- Keep the material in the original packaging when not used in order to protect it from dust and contamination.
- Do not expose to direct sunlight or heat sources.