

# Shenzhen Petra Industrial Co., Ltd.

## Self-adhesive product manual

Product Code	M37550			
Product Name	70g eco top coated thermal paper/50g white glassine/hot melt adhesive/50g white glassine			
Face Stock1	70g eco top coated thermal paper			
Face Stock2	50g white glassine			
Release liner	50g white glassine			
Adhesive	Ordinary hot melt adhesive			
<b>technical indicators:</b>				
Classification	test project	Indicators	Unit	Methods
Face Stock	Dosage	70±10%	g/m <sup>2</sup>	GB/T 451.2-2002
	Thickness	75±10%	μm	GB/T 451.3-2002
	Whiteness	≥80%	%	GB/T 7974-2002
	waterproof	≥50%	%	GB/T 28210-2011
	oilproof	≧60%	%	GB/T 28210-2011
	chromatic optical density	≥1.10	%	GB/T 28210-2011
Release liner	Dosage	50±10%	g/m <sup>2</sup>	GB/T 451.2-2002
	Thickness	45±10%	μm	GB/T 451.3-2002
	Longitudinal tensile strength	≥3.8	KN/m	GB/T 12914-2018
Release liner	Dosage	50±10%	g/m <sup>2</sup>	GB/T 451.2-2002
	Thickness	45±10%	μm	GB/T 451.3-2002
	Longitudinal tensile strength	≥4.5KN/m	KN/m	GB/T 12914-2018
Adhesive	Loop initial tack	≧14	N	FTM9
	90° release force	≧7or paper torn state	N/25mm	FTM2
	180° 30m/min high speed release force	≧35g	g/m <sup>2</sup>	FTM1
	Minimun labelled temperature	10℃		
	Using temperature	-15℃~65℃		
Product description:	This product adopts Ordinary hot melt adhesive, which has high initial adhesion, Holding power, 90° release force, and certain low temperature resistance. Thermal Face Stock has good waterproof performance.			
Print and process:	Can be used for printing in most traditional printing methods. Due to the heat-sensitive nature of the product, processing environments exceeding 50° C should be avoided. Inks containing alcohol or volatile organic solvents may damage the heat-sensitive layer. For flexographic printing, UV or water-based ink and varnish are recommended. It is recommended to test the ink before printing. It can be used for non-direct contact labeling of products such as food, medicine and cosmetics.			
Stock and preserve:	Avoid long-term exposure to environments above 50° C or direct sunlight. Under the conditions of temperature 23±2℃ and relative humidity 50±5%, the validity period is 1 year. Products beyond the expiry date can still be used after passing the inspection.			

**Special Note:**

1. Since the product is closely related to the use environment and production and processing technology, please test before use, and re-test when changing seasons to avoid unknown risks.
2. All material descriptions, technical information and usage recommendations of Petralabel are test data in a standard environment, but they are not guaranteed, and there may be differences in actual application data.
3. The technical documents are subject to the current terms of Yangfan, and petralabel reserves the right of final interpretation. Shenzhen Petra Industrial Co., Ltd.

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