

**653006600**
**ECO THERMAL SAND. -P100/P100- YG/YG\_D**
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<b>Face</b>	A white, non-topcoated paper that is coated with black imaging thermosensitive coating. This paper has limited resistance to thermal image scratching or smudging with normal stability against oil, alcohol and environmental influences such as heat, humidity and light. The image may fade over a period of time if exposed to high humidity and light.
<b>Adhesive</b>	Acrylic based, permanent adhesive for general use. Suitable for numerous applications on clean, dry and flat surfaces, including slightly rough and curved substrates. It's not suitable for wet applications. Excellent performance during slitting, high speed matrix-stripping and automatic labelling.
<b>Liner</b>	Yellow, supercalandered siliconised glassine paper. Specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.

<b>Face</b>	<b>Method</b>	<b>Unit</b>	<b>Target</b>	
Basis Weight	ISO 536	g/m <sup>2</sup>	72 ± 5	
Thickness	ISO 534	µm	75 ± 5	
<b>Adhesive</b>				
Peel adhesion 90°	FTM 2 st.st	N/m	min.380 or PT	(min. 9,5 N/25mm or Paper Tear)
Loop Tack	FTM 9 glass	N/m	min.550	(min. 13,75 N/25mm)
Min. appl temperature		°C	0	
Service temperature		°C	-20 / +80	
<b>Liner</b>				
Basis Weight	ISO 536	g/m <sup>2</sup>	60 ± 2	
Thickness	ISO 534	µm	53 ± 3	
Transparency	DIN 53147	%	49	
<b>Laminate</b>				
Thickness	ISO 534	µm	200 ± 5	

### Application and use

This sandwich construction consisting of usually two self-adhesive layers on top of each other (additional layers possible on request) Functional label applications where a second (or third) self adhesive label is needed when the first layer has been peeled off or applied e.g. promotional stickers on consumer products.

### Conversion and Printing

Suitable for water based flexo printing. We recommend to check suitability for other printing methods. This product is designed for use in thermal printing system at printing speeds up to 10 inch /250 mm per sec (based on printer's set up).

### Packaging

The rolls are sliced according to customer requirements, double sided siliconised papers are put between of rolls. Paperboards are placed at the sides. They are delivered on pallets. Product description labels are fixed on rolls.

### Shelf Life and Storage Conditions

One year when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 22 °C ± 2 °C with a relative humidity of 50 %, ± 5%.

All information and recommendations about Frimpeks products are based on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for different applications we recommend checking suitability of product prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material.

### Frimpeks Kimya ve Etiket Sanayi Ticaret Anonim Şirketi

Merciler Sanayi Sitesi T +90 212 867 1000 frimpeks.com.tr  
 8. Cad. No.:15 Beylikdüzü, F +90 212 875 1277 info@frimpeks.com.tr  
 34524 İstanbul/Turkey

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