

# TECHNICAL DATA SHEET

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## SELF LAMINATING POLYESTER PET25(A) NPL 8LK

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Description:		
• Face Material	PET25(A)	25 $\mu m$ clear polyester top coated film.
• Pressure Sensitive Adhesive	NPL	Acrylic type adhesive.
• Release Liner	8LK	Glassine paper, one side is polyethylene laminated and silicone coated.

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Dimensions:		
• Face Material - thickness	25 $\mu m$	
• Release Liner - thickness	88 $\mu m$	

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Adhesive Properties:		
• JIS Adhesion <sup>1</sup> (Stainless Steel)	10.4 1060	N/inch (S/unit) g/inch (CGS unit)
• Ball Tack	10	No.
• Holding Power	NC <sup>2</sup> 70000	Seconds

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Adhesive Performance:		
• Heat Resistance	On Stainless panel at 40°C for 168 hours dwell time.	No Effect
• Water Resistance	On Stainless panel in 23°C water for 168 hours immersion.	No Effect
• Light Resistance	Fade meter for 200 hours.	No Effect
• Weather Resistance	Sunshine weather-meter for 200 hours.	No Effect
• Low Temp Adaptability	On Stainless panel at -20°C for 168 hours dwell time.	Advanced test required
• Penetration Resistance	At 40°C 30kg/cm <sup>2</sup> load.	No Effect

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Recommendation:		
• Good adherence for:	PMMA, ABS, Ridgid PVC, Polypropylene, Polystyrene, Polyester, Polyethylene, Melamine, Glass, Steel, Stainless Steel.	
• Advanced test required for:	Soft PVC.	

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<sup>1</sup> JIS Adhesion – adhesion after 20–40 minutes applied (JIS Z 0237)

<sup>2</sup> NC – Non-cleap

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Storage:

- Avoid storage in places with high humidity and high temperature. Ideal Condition: Temperature -- 10°C ~ 30°C, Humidity -- <70%RH.
- Contact with water and chemicals must be avoided.
- Polyethylene film packaging is recommended for longer shelf life.
- Direct exposure to the sunlight must be avoided and a distance must be kept from the light source.
- To ensure a longer shelf life, the rolls must be stored in a standing position and sheets must be stored in a laying position.
- Avoid causing any form of impact on the material.

The above data is intended to be information about the product and environmental safety only, and does not constitute a guarantee or warranty. As with all materials, results may vary according to practices and conditions.

Data provided by the supplier.

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