

TackLiner Technical Information

April 1st, 2021

1010-210407

Product Name **TL-71***

Applications/Features

- Fixing printing plates (for rotary printing presses)
- Excellent adhesion characteristics when removing printing plates

Product Construction

Release Liner	: Woodfree paper, both side is polyethylene laminated and silicone coated (White)	} Tape Thickness (0.12mm)
Pressure Sensitive Adhesive	: Acrylic type	
Base Material	: Polyester film- 0.05mm	
Pressure Sensitive Adhesive	: Acrylic type	

Properties

Test Item		Properties for substrate		Test Method
		SUS		
		PSA1	PSA2	
Adhesion	After 30 min. (N/25mm)	18.9	17.3	Lintec Method
	After 24 hrs. (N/25mm)	21.8	19.5	
Shearing Strength (N/cm ²)		175		

Test Item		PSA1	PSA2	Test Method
Adhesion	JIS Method (N/10mm)	6.3	4.9	JIS Z 0237 (*1)

<Test method>

- Lintec method (Test condition: 23°C•50%RH)

Adhesion: Move 2kg rubber roller back and forth one. Measure adhesion: 30minutes later, 24hours later.

Peel-off: 180 degrees. Rate of Removal: 300mm/min.

Shearing strength: Substrate (SUS)

Move 2kg rubber roller back and forth three times. 20hours later. 200mm/min.

- JIS method

*1: JIS Z 0237 has been revised on Dec. 21st, 2009.

*The values above are measured values, product performance and quality are not guaranteed.

Prior testing is strongly recommended.

<Storage>

- Avoid an excessively high/low temperature and high humidity conditions.
(Recommended condition: Temperature 10 to 30°C, Humidity less than 70%RH)
- Product properties may degrade under excessive conditions, and products may be peeled off easily.
- Packaging by a bag (e.g. Polyethylene bag) is strongly recommended in order to avoid moisture and/or chemicals attachment.
- Avoid a direct exposure to sunlight and fluorescent light.
- Roll products must be stored in a standing (vertical) position and sheet products must be stored in a lying (horizontal) position, and avoid impact to products.

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