

PSA double coated foam tape

PSA double coated foam tape / Z-6654

1. Features

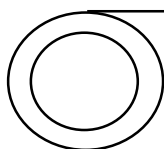
Z-6654 is PSA double coated foam tape.

This tape is suitable for fixing flexo printing plate to metal cylinder or sleeve.

PSA surface is special processed to avoid air accumulation between tape and adherend.

This tape has suitable adhesion for protecting not to float printing plate from cylinder when printing.

2. Composition



Release Liner	:	PE laminate Paper] Thickness : 550μm
PSA	:	PSA (for printing plate)	
Carrier	:	PE foam (with PET film)	
PSA	:	PSA (for cylinder or sleeve)	

3. Specification

- Tape size : 460mm width × 25m length / roll
- Foam hardness : Medium (shore A hardness: 58)
- Tape color : White
- Packaging : 1 roll / carton case (in hanging condition)

4. Adhesive Properties

			Cylinder / Sleeve	Printing plate	Measuring conditions
Peel strength (N/25mm)	SUS	After 30min.	4.0	-	90° peel peel speed 300mm/min.
		After 24hrs.	4.0	-	
	PET	After 30min.	-	12.0	
		After 24hrs.	-	14.0	
Ball tack (χ/32)			19	2	J•DOW laws

※The property values described in this document are actual measurements measured by us, not guaranteed values. Please consider and confirm

whether the product is suitable for the intended use before use.

5. Caution

【Handling precautions】

- Store in a cool and dark place away from high temperature and direct sunlight.

【Safety and hygiene precautions】

- Do not stick directly on the skin.
- Before using, please wipe any oil, moisture and dust etc. on the adherent surface.
- If the usage environment is low temperature, it may be difficult to attach. Please store and use at room temperature in winter.
- Please read the Safety Data Sheet (SDS) before use. Please ask the sales department for SDS.

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【Measuring tape resilience】

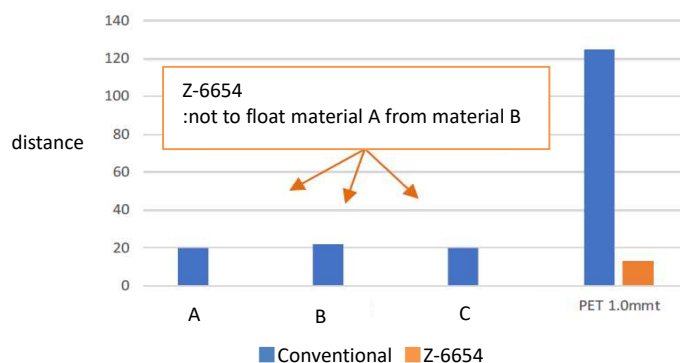
1. Composition of sample

		Size
Material A	:Printing plate (A, B, C) PET plate (1mm thickness)	25mm (W) × 180mm (L)
Z-6654	:PSA double coated foam tape	30mm (W) × 200mm (L)
Material B	:ABS plate (1.0mm thickness)	30mm (W) × 200mm (L)

2. Sample production method

- 1) Adhere Z-6654 (cylinder / sleeve side) to material B (ABS plate) and cut off all four sides.
- 2) 2kg rubber roller is pressure-bonded once at a speed of 300mm/min.
- 3) Adhere Z-6654 (printing plate side) to material A with aligning one side.
- 4) 5kg rubber roller is pressure-bonded once at a speed of 300mm/min.
- 5) Leave it for 24 hours under 23° C x 50% RH conditions.
- 6) Fit sample to wooden frame (190mm width) with bending so that material B is to the bottom.
- 7) After leaving it for a specified time, measure the floating distance from material A.

3. Results



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