

## PSA for screen printing

### 1. Features





These PSA can be used for screen printing like inks.

These PSA have minute printing performance. You can print very fine line under 1mm.

It has superior continuous printability

It is available on every printing process (Plate or Rotary). No clogging, easy to wash the filter.

### 2. Properties

	AR-2426	AR-2430	AR-2441	AR-2441M-5
Appearance				
Viscosity (mPa·S/25°C)	6,400~12,600	6,000~12,000	4,000~8,000	4,000~8,000
Non-volatile (%)	56.0	56.0	58.0	58.0

### 3. Specification

■ 1kg shading bottle × 9CN / case

■ 15kgCAN (UN-standard) ※AR-2426 and AR-2430 only

MOQ : 1 case, 1CAN

### 4. Adhesive properties

				AR-2426	AR-2430	AR-2441	AR-2441M-5	
Thickness 15μm/dry	Peel strength (N/25mm)	SUS #280	After 30min.	17.8	14.6	32.3	30.0	
			After 24hrs.	15.8	16.0	33.7	32.9	
		Ttype peel	PET	After 30min.	2.7	2.5	11.5	8.0
				After 24hrs.	2.8	2.5	11.8	8.6
			PC板	After 30min.	17.2	16.5	33.8	22.3
		ABS板	After 30min.	14.3	12.3	31.2	18.0	
	Holding power (mm/1440min.)			40°C・1kg	0.2	0.2	0.2	0.1
				80°C・1kg	0.2	0.2	0.2	0.2
Thickness 30μm/dry	Peel strength (N/25mm)	SUS #280	After 30min.	27.8	27.5	38.3	43.3	
			After 24hrs.	36.6	31.9	41.6	42.9	
		Ttype peel	PET	After 30min.	6.1	6.2	18.0	22.4
				After 24hrs.	7.0	7.1	18.5	22.5
			PC板	After 30min.	24.0	23.4	39.7	36.0
		ABS板	After 30min.	20.2	20.0	36.8	29.2	
	Holding power (mm/1440min.)			40°C・1kg	0.6	0.4	0.6	0.2
				80°C・1kg	0.5	0.4	0.4	0.4

※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.

**【Conditions of making test pieces】**

Basement films	: PET (100 $\mu$ m)
Thickness	: 15 $\mu$ m/dry、30 $\mu$ m/dry
Coating	: Direct coating
Release Liner	: PET
Dry condition	: 85°C × 10min.
Aging condition	: 23°C × 1days

**【Measurement conditions】**

Peel strength	: Attach 25mm wide sample to the adherend (2kg rubber roller is pressure-bonded once at a speed of 300mm/min.). Leave it for 30minutes under 23° C x 50% RH conditions, and peel off by 180° or T-type peel at a speed of 300 mm/min. and measure the value.
Holding power	: Attach a 25mm x 25mm sample to the adherend (2kg rubber roller/ 300mm/min. speed once for each direction), After leaving for 30min. Under the condition of 40°C, and then apply a load of 1kg for 24hrs, and measure the shifted length.

**5. Caution****【Handling Precautions】**

- \* Avoid high temperature and direct sunlight, and store in a cool and dark place.
- \* Stir well before use
- \* Please don't use metal container without lamination when you transfer.
- \* Please check the surface of substrate whether it doesn't contain or adheres to plasticizers or release agents
- \* These PSA contains high boiling solvent. So, please dry it sufficiently under specified dry conditions to volatilize the solvent.
- \* After printing, please dispose PSA without returning to the container.
- \* Please use solvents (etyl acetate or white-spirit etc.) when wash printing plate or equipments.
- \* Before attaching, please remove water, oil, and other stains on the surface of the adherend.

**【Safety and Hygiene Precautions】**

- \* Be careful of fire when using adhesives that contain flammable organic solvents.
- \* Inhalation of organic solvent may cause poisoning, so use it in a place with ventilation equipment (local exhaust, general ventilation).  
If ventilation is not sufficient, wear a gas mask for organic gas.
- \* When handling, wear protective equipment (protective glasses / gloves) to prevent it from adhering to the skin or mucous membranes. If it adheres, immediately wash it thoroughly with soapy water, a neutral detergent, and running water. In case of accidental contact with eyes, rinse immediately with clean running water for at least 15 minutes and then consult a doctor.
- \* Keep out of the reach of children.
- \* Please read the Safety Data Sheet (SDS) before use.  
Please request SDS to the sales department in charge.


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