

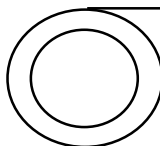
Thermal management adhesive tape

Flam-Retardant Thermal Conducting Tape / TP-7627

1. Features

Flame-Retardant Thermal Conducting Tape TP-7627 is PSA double coated tape (non-woven tissue support). It shows high thermal conduction, high flame resistance and good working efficiency. It is suitable use as bonding material for thermal releasing instruments such as sink or heat spreader with exothermic parts for LCD, OLED, PDP, LED lighting, power device and various electrical parts.

2. Composition

	Release Liner	:	Silicone coated PET (High)	Thickness : 110 μ m, 200 μ m
	PSA	:	Flame-retardant Acrylic PSA	
	Carrier	:	Tissue	
	PSA	:	Flame-retardant Acrylic PSA	
	Release Liner	:	Silicone coated PET (Low)	

3. Specification

- Size : Width) 500mm × Length) 100m / Roll (3inch Plastic Core)
- Package : 1 roll / carton case (in hanging condition)
Case Size: (L)540mm × (W)300mm × (H)300mm
Weight: TP-7627-110...20kg / case, TP-7627-200...30kg / case
- MOQ : 1case

4. Adhesive Properties

Product No.	TP-7627-110	TP-7627-200	Method
Thickness (μ m)	110	200	
Thermal Conductivity (W/m·K)	0.7	0.7	Laser flash method
Thermal Resistance ($m^2 \cdot K/W$)	2.8×10^{-4}	4.7×10^{-4}	Steady heat flow meter method
90° Peel Strength (N/25mm)	Al	8.3	JIS Z 0237
	SUS	10.6	※50 μ m Al foil backing
Holding Power (Gap:mm/24h)	< 0.1mm	< 0.1mm	Loading 1kg under 80°C Measuring gap length after 24hrs. Adherent area: 25mm × 25mm Adherend: SUS ※50 μ mPET backing
Shear Adhesive Strength (N)	348	351	Adherent area: 25mm × 25mm Adherend: SUS ※50 μ mPET backing
Flame Resistance / UL-94	VTM-0 level	VTM-0 level	UL-94
Volume Resistivity (Ω cm)	3.7×10^{14}	2.4×10^{14}	JIS K 6911
Dielectric Breakdown Voltage (kV)	5.2	8.7	JIS C 2110

※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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