

VieTape AE5102D

DOUBLE COATED PET TAPE

DESCRIPTION

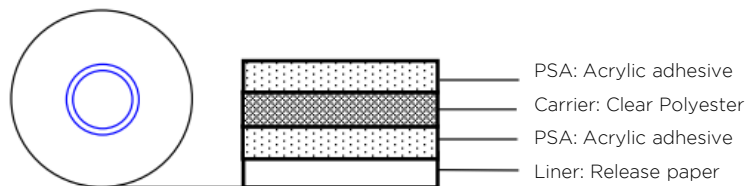
Double coated Pressure sensitive adhesive (PSA) on both sides of Polyester film and laminated with release liner. AE5102D base acrylic adhesive, which provides high strength to surfaces like: low surface energy: PP, PE plastic, powder coated paints, medium surface energy: PVC, ABS, PC plastic and high surface energy like: Aluminum, steel...

APPLICATION

General application: bonding and sealing

- Fixed pasting of backlight module, LED reflective film and other parts.
- Fixing and pasting of electronic and electrical components and dust screens
- Bonding and fixing of nameplate and Membrane switch
- Fixing and paste internal structure of OLED, FPC....

STRUCTURE



FEATURES

Item	Parameter	
Total tape thickness	0.17mm	
Adhesive thickness - Faceside and Backside	0.16mm	
Carrier	Clear PET: 0.012mm	
Adhesive type	PSA Acrylic	
Liner	Release paper	
Peel off strength @ R.T, 20mins, 180 degree	SUS substrate	16.1 N/cm
	PP substrate	17.0 N/cm
Peel off strength @ R.T, 72 hrs, 180 degree	SUS substrate	18.2 N/cm
	PP substrate	18.5 N/cm
Continuous operating temperature	- 40°C to 80°C	
Short-term operating temperature	Up to 120°C	
Length, Width	Optional	

Issue date: September 2022

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DIRECTION OF USE

1. AE5102D should be applied to a clean surface which is free of dirt, grease or mold release agent. In many cases, a simple solvent wipe is sufficient.

Some typical surface cleaning solvents are isopropyl alcohol or heptane.

2. Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily

3. Use a roller with the mass of 2kg to roll the tape evenly on the substrate.

4. AE5102D will reach full strength after 72hrs. All tests shall be conducted after 72 hrs.

SHELF LIFE

12 months from date of manufacture when stored at 10 - 30°C and 40 - 50% relative humidity.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part.

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