

VieTape AE5101D

DOUBLE SIDES TAPE

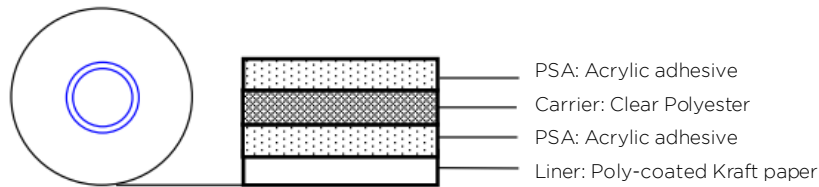
DESCRIPTION

Double coated Pressure sensitive adhesive (PSA) on both sides of Polyester film and laminated with Poly-coated kraft paper. AE5101D 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

STRUCTURE



FEATURES

Item	Parameter	
Tape thickness	0.210mm	
Adhesive thickness - Faceside	0.100mm	
Carrier thickness	Clear Polyester film 0.012mm	
Adhesive thickness - Backside	0.100mm	
Adhesive type	PSA Acrylic	
Breakdown Voltage	7.5kV	
Peel off strength @ R.T, 15mins, 180 degree	SS substrate	17.0N/cm
	PC substrate	18.0N/cm
Peel off strength @ R.T, 72 hrs, 180 degree	SS substrate	18.5N/cm
	PC substrate	19.5N/cm
Continuous operating temperature	- 40°C to 120°C	
Short-term operating temperature	Up to 150°C	



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DIRECTION OF USE

1. AE5101D 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. AE5101D will reach full strength after 72hrs. All tests shall be conducted after 72 hrs.

SHELF LIFE

24 months from date of manufacture when stored at 21°C (69°F) and 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

Issue date: September 2022

VIETAPE MATERIAL TECHNOLOGY CO., LTD

