

## VieTape PET2101L

### DOUBLE COATED PET TAPE

#### DESCRIPTION

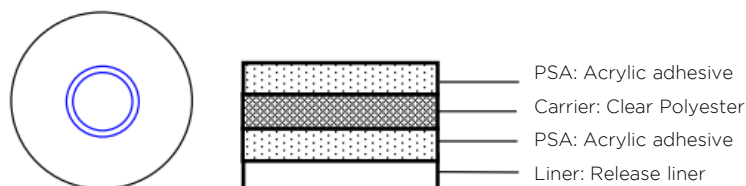
PET2101L is double sided tape with acrylic adhesive (PSA) on both sides of Polyester film. This tape provides high adhesion strength to many substrates including low surface energy substrate: PP, PE plastic, powder coated paints, medium surface energy: PVC, ABS, PC plastic and high surface energy: Aluminum, 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                           |               | 0.15mm          |
| Adhesive thickness - Faceside                  |               | 0.069mm         |
| Adhesive thickness - Backside                  |               | 0.069mm         |
| Carrier thickness                              |               | 0.012mm         |
| Peel off strength @ R.T,<br>20mins, 180 degree | SUS substrate | 10.1 N/cm       |
|  | PP substrate  | 10.9 N/cm       |
| Peel off strength @ R.T,<br>72 hrs, 180 degree | SUS substrate | 12.8 N/cm       |
|  | PP substrate  | 14.0 N/cm       |
| Continuous operating temperature               |               | - 40°C to 120°C |
| Short-term operating temperature               |               | Up to 150°C     |
| Length, Width                                  |               | Optional        |

Issue date: September 2022

**VIETAPE MATERIAL TECHNOLOGY CO., LTD**

18F Tang Nhon Phu Street, Phuoc Long B District,  
 Thu Duc City, Ho Chi Minh City, Vietnam

[info@vietape.com](mailto:info@vietape.com)  
 (+84) 869 681639

[www.vietape.com](http://www.vietape.com)



## VieTape PET2101L

### DOUBLE SIDED PET TAPE

#### DIRECTION OF USE

1. PET2101L 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. PET2101L 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.

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