



F506

Low-VOC Tissue Paper Double Sided Tape



Composition:



Solvent-based Acrylic Pressure Sensitive Adhesive
Tissue Paper
Solvent-based Acrylic Pressure Sensitive Adhesive
Release Liner

Applications:

- Bonding of metals plates, plastic plates, rubbers.
- For various foam materials such as PU, PE, EPDM, PET.
- Bonding of membrane switch and duct seal of air conditioner.
- For door edge moldings, interior trim panels, badges, nameplates and emblems and body side moldings.

Features:

- Low VOC & Odour free.
- Passed SGS, VW50131 Certification.
- Excellent weather resistance and chemical resistance.
- High adhesion with good balance of holding power and tack.
- Excellent performance under a wide range of temperature condition.

Standard Size

- | | |
|-----------------------------------------------|-------------|
| • Total Thickness
(without release paper) | 0.14mm |
| • Liner thickness | 0.12mm |
| • Width | 10mm-1020mm |
| • Length | 50m-200m |

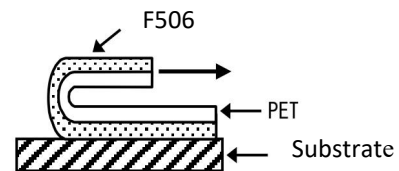
Technical Data (average values)

• Backing material	Tissue Paper
• Color	White & logo
• Type of adhesive	Acrylic Pressure Sensitive Adhesive
• Temperature resistance range	-20°C-120°C
• Temperature resistance short term	120°C
• Temperature resistance long term	60°C
• Loop tack	≥26#
• Holding power	Up to 100°C for 120 min.

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	22 N/25mm
ABS	18 N/25mm
PC	20 N/25mm
PE	8 N/25mm
PVC	20 N/25mm
PP	16 N/25mm

Total CO ₂ Emission Test	
Test Item	Test Result
Sample 1	39.74ugC/g
Sample 2	43.0ugC/g
Sample 3	39.2ugC/g
Report Value	43.0ugC/g
Limiting Value	≤50ugC/g
Judgement	PASS

Unit:N/25mm
 Sample Width:25mm
 Backing Material: PET film
 Application Condition:
 3 pass back and forth with a
 2.5kg roller
 Peeling Speed: 300mm/min
 Peeling Angle: 180 degree
 Measurement Temperature:
 23°C/65%RH



Unit: µg C/g
 Sample Weight: 1.2000g
 Application Condition:23°C ± 2°C
 and 50% ± 15%
 Measurement Temperature:
 ≤25°C/50%RH
 Storage Duration: 7 days
 Test Methods:
 VW50180:2015PV3341:1995
 Notes: According to customer
 requirements, test sample is tested
 after the release liner is torn off.

Odour Test	
Test Item	Grade
Odour Grade	3,0
Odour Grade (PV3900)	3,5

Unit: grade
 Test Specimen: 100mm*100mm
 Measurement Temperature: 80°C
 Storage Duration: 2 hr
 Test Methods:
 VS-01.00-T-14004-A6-2017

TVOC Emission Test	
Test Item	Test Result
Formaldehyde	ND
Acetaldehyde	ND
Acrolein	ND
Benzene	ND
toluene	ND
Ethylbenzene	ND
Xylene	ND
Styrene	ND

Unit: µg /m³
 Test Specimen:
 100mm*100mm/2.72g
 Sampling Bag Capacity: 10L
 Filling Gas Volume: 5L
 Capture Speed: 100、200ml/min
 Capture Gas Volume:1、2L
 Measurement Temperature: 65°C
 Storage Duration: 2 hr
 Test Methods: refer to SGS test method.

Temperature-Humidity Bias Life Test		
Item	Test Condition	Test Result
High Density Foam	50kg/m ³	No peel off、 No warping
Holding Time	2hrs	

Sample Size: 50mm*100mm
 Application Condition:
 3 pass back and forth with a 2.5kg roller
 Peeling Speed: 300mm/min
 Measurement Temperature: 85°C
 Measurement Humidity: 85%RH
 Measurement Temperature: 85°C
 Measurement Time: 2 hrs

Storage:

- Please be sure to keep the tape in its box when not using.
- The ideal application temperature range is 20°C to 40°C.
- Keep in a cool and dark place away from direct sunlight.

Test Method:

In accordance with GB/T 4851-1998 method.

Shelf Life:

12 months when stored in original carton at 23° C and 65% relative humidity.

Note:

- Remove all oil, moisture and dirt from the surface of the substrate before applying.
- Make sure the product is suitable for the application (objective and conditions) before attempting to use.

DISCLAIMER

- The above information is believed to be reliable and accurate but is presented without a guarantee on our part.
- F6 Adhesive Tape gives no warranty as to the fitness of the above product for any particular purpose and any implied warranty or condition statutory or otherwise.
- It is recommended to make a trial before any bulk usage.
- Use in combination with another method of joining if there is possibility of an accident.