

FNS500

Non-Woven Fabric Double-sided Tape



Composition:



Applications:

- Bonding of metals plates, plastic plates and foams.
- Fixing automobile interior parts.
- Fixing electrical equipment material of office automation and consumer electronics.

Features:

- Strong and tear-resistant upon peeling
- Excellent performance under a wide range of temperature condition.
- Leaves minimal adhesive residue; can be re-peeled.
- Remarkable adhesion to metals, glasses, plastics, etc.

Standard Size

▪ Total Thickness (without release paper)	0.2mm
▪ Liner thickness	0.16mm
▪ Width	10mm-1240mm
▪ Length	50m-300m

Technical Data (Average Values)

• Backing material	Non woven fabric
• Color	White
• Type of adhesive	Acrylic Pressure Sensitive Adhesive
• Temperature resistance range	-20°C-80°C
• Temperature resistance short term	80°C
• Temperature resistance long term	50°C
• Loop tack	≥25#
• Holding power	Up to 120°C for 120 min.

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	22.441
Aluminum Plate	18.823
PVC	26.626
PC	22.702
PE	9.296
PP	11.505

90 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	15.408
Aluminum Plate	15.45

[Peeling properties test method]

Unit:N/25mm

Sample Width:25mm

Backing Material:

Application Condition:

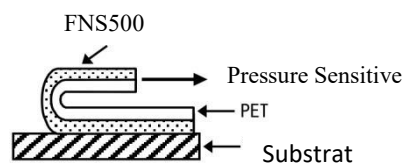
3 pass back and forth with a 2.5kg roller

Peeling Speed: 300mm/min

Peeling Angle: 90° / 180°

Measurement Condition:

23°C/50%RH



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.

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