

NF160

Heat-resistance 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:

- Excellent in fixing elements with strong adhesion.
- Excellent performance under a wide range of temperature condition.
- Remarkable adhesion to metals, glasses, plastics, etc.
- Passed RoHS, CA65, SVHC , REACH Test Reports.

Standard Size

▪ Total Thickness (without release paper)	0.16mm
▪ Liner thickness	0.14mm
▪ Width	10mm-1240mm
▪ Length	50m-300m

Technical Data (Average Values)

- Backing material
- Color
- Type of adhesive
- Temperature resistance range
- Temperature resistance short term
- Temperature resistance long term
- Loop tack
- Holding power

Non woven fabric

Translucent

Acrylic Pressure Sensitive Adhesive

-20°C-80°C

80°C

50°C

≥25#

Up to 120°C for 120 min.

Substrate	Adhesive Residue	Peeling Properties
Stainless Steel	No	No Tear
PP	No	No Tear
Aluminum plate	No	No Tear
PE	No	No Tear

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	21N/25mm

[Peeling properties test method]

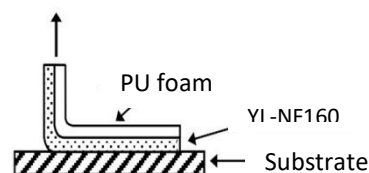
Lining material: 5-mm thick urethane foam

Tape width: 3 mm

Curing condition: 60°C/90%RH * 15 days

Peeling speed: 300 mm/min

Peeling angle: 90°



[Peeling properties test method]

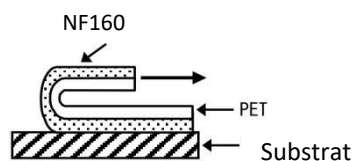
Lining material: PET#25

Tape width: 20 mm

Curing condition: 60° C/90%RH * 15 days

Peeling speed: 300 mm/min

Peeling angle: 180°



Unit:N/25mm

Sample Width:25mm

Backing Material: PET#25

Application Condition:

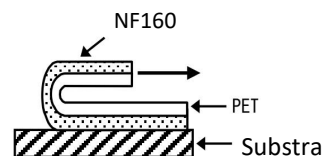
3 pass back and forth with a 2.5kg roller

Peeling Speed: 300mm/min

Peeling Angle: 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.

Room 1003-1 , Dahai office building ,
No.499 Taikang middle road, Yinzhou District ,
Ningbo City ,Zhejiang Province ,China .

Tel. +86 18606581882
Fax. +0574-88913422
admin@f6tape.com
<https://www.f6tape.com/>