

# F502

## Heat Resistance Tissue Paper Double Sided Tape



### Composition:

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### Applications:

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- Bonding of opened cell EPDM foam, and other rubber material.
- Used in the process industry, including the bonding of rubber strips and plastics.
- Bonding of membrane switch and duct seal of air conditioner.
- Panel combination of electronic industry, various instruments, equipment, electrical appliances and other products.

### Features:

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- Excellent performance under a wide range of temperature condition.
- Excellent weather resistance and chemical resistance.
- High adhesion with good balance of holding power and tack.
- Passed RoHS, REACH, VW50131 Test.

### Standard Size

▪ Total Thickness ( without release paper)	0.12mm
▪ Liner thickness	0.11mm
▪ Width	10mm-1020mm
▪ Length	50m-200m

## 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

Tissue paper

White / Logo

Acrylic Pressure Sensitive  
Adhesive

-20°C-120°C

120°C

100°C

≥22#

Up to 120°C for 120 min.

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	21 N/25mm
ABS	22 N/25mm
PC	32 N/25mm
PE	8 N/25mm
PVC	24 N/25mm
PP	10 N/25mm

Unit:N/25mm

Sample Width:25mm

Backing Material: PET film

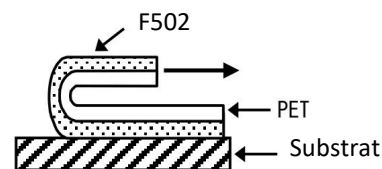
Application Condition:

3 pass back and forth with a  
2.5kg roller

Peeling Speed: 300mm/min

Peeling Angle: 180 degree

Measurement Temperature:  
23°C/65%RH



Temperature-Humidity Bias Life Test		
Item	Test Condition	Test Result
High Density Foam	50kg/m <sup>3</sup>	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:

- To obtain optimal adhesion, the bonding surface must be dry and clean.
- The ideal application temperature range is 20°C to 40°C. To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

**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.

## Other:

- Rewinding length commonly used: 55m /roll, and can be processed according to customer demand.
- Special carton packaging.

### 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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