

# F089

## Mesh Fiberglass Filament Tape



### Composition:

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### Applications:

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- Metal working, general manufacturing.
- Home appliances, furniture.
- Fixing and binding the moving parts of electronic products.

### Features:

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- High viscosity, long-lasting, and resistant to damage and wear.
- Resistant to tears, scuffing, splitting and abrasion with high tensile strength.
- Abrasion, moisture, scuff and break resistant.
- Polypropylene backing provides excellent resistance to nicks, abrasion, moisture, and scuffing.

### Standard Size

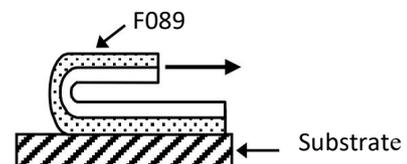
- |   |             |
|---|-------------|
| ▪ Total Thickness<br>( without release paper) | 0.14±0.05mm |
| ▪ Liner thickness                             | 0.12mm      |
| ▪ Width                                       | 10mm-1060mm |
| ▪ Length                                      | 50m-1000m   |

## Technical Data (average values)

• Backing material	Mesh Fiberglass
• Color	Transparent
• Type of adhesive	Synthetic Rubber
• Temperature resistance range	0°C-100°C
• Temperature resistance short term	70°C
• Temperature resistance long term	45°C
• Loop tack	≥23#
• Holding power	Up to 100°C for 60 min.
• Tensile strength	600N/25mm
• Elongation at break	4%

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

Unit:N/25mm  
 Sample Width:25mm  
 Application Condition:  
 3 pass back and forth with a  
 2.5kg roller  
 Peeling Speed: 300mm/min  
 Peeling Angle: 180 degree  
 Measurement Temperature:  
 23°C/50%RH



## Application Properties:

1. To obtain optimal adhesion, the bonding surface must be dry and clean.
2. The ideal application temperature range is 4°C to 26 °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 40% relative humidity.

## Other:

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