

## FILAMENT TAPE



Fibreglass reinforced backing. Very high tensile strength. Not easy to break.  
Best packing solution in the most economical way. Wide application.  
Now two kinds of backing are available.  
One is straight-line fibreglass backing, the other is mesh fibreglass backing.



### FEATURES

- ❖ Strong adhesion
- ❖ Very high tensile strength
- ❖ High resistance to abrasion and moisture



### USAGE

- ❖ Household electrical appliances
- ❖ Metallic or wooden furniture
- ❖ Heavy duty packaging
- ❖ Fixing parts of office machines



### REMARKS

- ❖ Filament tape is available in variety of widths, lengths to meet your specific needs

# Physical Properties

<b>Material</b>	100% Polyamid (Nylon)	
<b>Weight</b>	Hook (25mm width)	8.2 gram/metre
	Loop (25mm width)	8.6 gram/metre
<b>Thickness</b>	2.6 – 3.5mm under fastening pressure of 20 N/cm <sup>2</sup>	
<b>Temperature Resistance</b> – Temperature Range	Hook	-30 – 230°C
	Loop	-30 – 180°C
– Temperature Resistance against Ironing can withstand up to 135°C		
<b>Shear Strength (Length)</b>	Initial	11.0 N/cm <sup>2</sup> (16.0 PSI)
	After 5000 cycles	9 N/cm <sup>2</sup> (13.0 PSI)
<b>Shear Strength (Width)</b>	Initial	8.0 N/cm <sup>2</sup> (12.0 PSI)
	After 5000 cycles	6 N/cm <sup>2</sup> (9.0 PSI)
<b>Tension</b>	Initial	5.5 N/cm <sup>2</sup> (8.0 PSI)
	After 5000 cycles	4.5 N/cm <sup>2</sup> (6.5 PSI)
<b>Peeling Strength</b>	Initial	3.0 N/cm <sup>2</sup> (1.7 PIW)
	After 5000 cycles	2.5 N/cm <sup>2</sup> (1.4 PIW)
<b>Dimensional Stability to Washing</b>	-1.0%	
<b>Hook Number</b>	48 EA/cm <sup>2</sup>	
<b>Hook Filament Diameter</b>	0.21mm	
<b>Colour Fastness to Washing and Light</b>		
– Colour Change		4 – 5
	Wool	4 – 5
– Colour Staining	Cotton	4 – 5
	Polyester	4 – 5
	Acrylic	4 – 5
		5
– Colour Fastness to Light		5
requirement of colour fastness to washing		BS 1006 A2S
requirement of colour fastness to light		BS 1006 B02

Values shown are typical and should not be used for specifications. All data is subject to change without notice. We do not warrant the accuracy of the above values and we disclaim liability for any reliance thereon.

**PRODUCT : Filament Tape #600**

**BRAND :**  **SUPERIOR<sup>®</sup>**  
Pressure Sensitive Tapes

**ORIGIN : Made in U.S.A**

## **SPECIFICATION**

### **APPLICATION**

Ideal for heavy duty reinforcing, bundling, palletizing, pipe-wrapping, unitizing L-clipping and general holding.

### **FEATURES**

- \* Excellent impact and cutting resistance
- \* Film backing provides excellent abrasion
- \* Non-curling dispensability even under condition of high humidity
- \* One piece removability
- \* Stain resistance
- \* Moisture and scuff resistance

Backing : PP embedded with fibre

Thickness : 0.18mm

Adhesive : Rubber Based

Colour : Milky

### **PRODUCT PROFILE**

<b>Characteristics</b>	<b>Units</b>	<b>Std Values</b>	<b>Toler</b>	<b>Test Method</b>
Total Weight	grs/sqm	118	( +/- 5% )	ISO 536
MD Tensile Strength	N/cm	250	( +/- 5% )	AFERA 4004
MD Elongation at break	%	< 10	( +/- 5% )	AFERA 4005
Adhesion to steel plate	N/cm	> 10	( +/- 10% )	AFERA 4001
Rolling Ball tack		< 5cm		PSTC 6