

# *Great Industries Corp.*

## Hook and Loop Physical Property

1. This product is made of 100% Nylon filament. Aiming being user-friendly and green-keeping , all our hook & loop fastening tapes are AZO-FREE dyes.
2. High quality for thermo-resisting, cold-resisting, chemical-resisting, and excellent electric insulation.
3. Heat resistance: Becoming soft at 180°C and melted during 215° - 220°C.
4. Cold resistance: Usable under 30°C below, the lower the temperature, the stronger the tensile force.

<b>Durability</b>		
<b>Peeling Cycle</b>	<b>Closure Strength Reducing Rate</b>	<b>Change op Loop Tape</b>
2,000 Times	10% under	No Fluffing
5,000 Times	15% under	Little Fluffing
10,000 Times	20% under	Obvious Fluffing
20,000 Times	30% under	Fluffing Throughout

<b>Closure Strength</b>		
<b>Width</b>	<b>Lateral Tensile Strength (Closure Length 50m/m)</b>	<b>Vertical Peeling Strength (Closure Length 50m/m)</b>
5/8"	5.0kgs above	130g above
3/4"	7.0kgs above	180g above
1"	9.0kgs above	210g above
1 1/2"	12.0kgs above	270g above
2"	16.5kgs above	320g above
4"	31kgs above	550g above

<b>Pressure Sensitive Adhesive (PSA)</b>			
<b>Item</b>	<b>Peel Adhesion *</b>	<b>Holding Power **</b>	<b>SAFT (500g/inch)</b>
Rubber Base PSA (Hi-Temp)	1.3 kg/cm	more than 4000mins	75 - 85 °C

\* Testing Method: PSTC-1

\*\* Testing Method: PSTC-7