

Technical Data Sheet

## 101 Adhesive Hook & Loop System

A high tack hot-melt rubber based adhesive system, coated to the back of hook & loop tape offering instant bond to most surfaces.

<b>Component:</b>	Hook Tape	80% Nylon / 20% Polyester
	Loop Tape	80% Nylon / 20% Polyester
	Surface Yarn	Nylon
	Ground Yarn	Polyester

Adhesive: Synthetic rubber resin 250gsm  
Paper liner: 140gsm

Width Tolerance: Hook & Loop – max. 8%

### Hook & Loop Technical Data

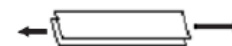
#### Tensile Strength (force in N per cm width)

Hook Tape	870N
Loop Tape	760N

Minimum Peel Strength (strength in N per cm) 3.5N/cm



Minimum Shear Strength (strength in N per cm<sup>2</sup>) 18N/cm<sup>2</sup>



### Adhesive Technical Data Results

Loop Tack: 4.52 kg/25mm  
(PET-PP)

180° peel strength: 16 N/cm  
PSTC-1

#### Viscosity index – PSTC-7

150°C	37,000 – 35,000
160°C	25,000 – 20,000
170°C	11,000 – 10,000
180°C	7,000 – 6,000

Technical Data Sheet

**Hook & Loop temperature resistance:**

Softening point: 180°C

Fusing point: 215°C

**Temperature resistance adhesive: ASTM E28-67**

Melting point: 95±2°C

Humidity: 50% Hook/Loop strength in water, can be completely recovered after drying.

Application temperature: +5 to +30°C

Service temperature: -20 + 60°C

**Adhesive colour:** Light Yellow

**Performance:** A strong instant bond

**Typical Application:** Immediate adhesion to a variety of surfaces including paper, wood, polythene, metal, glass, plastic etc. (excluding plasticised PVC).

**Not recommended for direct exposure to sunlight & U.V.**

**Application Guide** To be avoided on surfaces of humidity, dust, oil etc.