

## TECHNICAL DATA SHEET

Product:	<b>PVC Insulation Tape</b>
Variants:	Colour: Black / Red / Blue / Green / White 20mm width
Product Codes:	BR4001000 / BR4001001 / BR4001002 / BR4001003 / BR4001004

### Product Description.

This PVC electrical tape is made of soft polyvinyl chloride (PVC) film as the substrate and coated with rubber pressure sensitive adhesive. It provides good insulation, fire resistance, voltage resistance, cold resistance and other characteristics.

Suitable for a wide range of tasks including, wire joint winding, insulation damage repair, transformer, motor, capacitor, voltage regulator and other motor, electronic parts insulation protection.

It can also be used for binding, fixing, lapping, repairing, sealing and protection in industrial process. Recommended primarily for indoor use.

Following data is provided for reference, users should assure themselves that the performance of the product is sufficient for their application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes.

Properties	Unit	Value	Test Method
Material Type	Polyvinyl Chloride (PVC)		
Glue Type	Natural Rubber		
Total Thickness	μ m	130	ASTM D 1000
Adhesion to Steel	N/25mm	3	ASTM D 1000
Initial Tack	#	7	GB/T 7125-2014
Tensile Strength	N/25mm	58	ASTM D 1000
Elongation	%	170	ASTM D 1000
Voltage Breakdown	KV	5	IEC 60454
Dielectric Strength	KV/mm	35	IEC 60454
Working Voltage	V	500 ↓	
Service Temperature	°C	0 to 60	
Flammability		Self-Extinguishing	
Applying Temperature	°C	10 to 40	

### Storage:

- Rolls should be stored, flat on their cut edges in their wrappings to avoid any pressure on the glued surface.

2. Rolls should be stored away from sources of heat for example direct sunlight and also frost, Ideal storage temperature is  $23 \pm 2^{\circ}\text{C}$ , 50% relative humidity

**Usage Tips:**

The surface that the tape is to be applied to must be clean and free from dust and grease.

**Others:**

Tolerance: Thickness:  $\pm 10 \mu\text{m}$ ; Width:  $\pm 1\text{mm}$ ; Length: Cut Roll:  $\pm 0.3\text{m}$

**Remarks:**

Individual rolls will vary slightly from above data, The user should determine whether the product  
There is no Warranty of fitness for a particular purpose.