

## PVC Insulation Tape

### Technical Specifications

Compliance	IEC 60454-3-1
Appearance	Opaque
Color	Black, Blue, Red, Green, White, Yellow, Grey
Width	18 ± 1 mm
Length	20 meters
Thickness	0.125 ± 0.025 mm
Thermal Index	0°C ~ +90°C
Withstand Voltage	5kV
Adhesion to Steel, N/10 mm	1.8 minimum
Adhesion to Backing, N/10 mm	1.5 minimum
Adhesion to Backing at Low Temperature, N/10 mm	1.5 minimum
Shear Adhesion to Backing After Water Immersion, N/10 mm	1.8 minimum
Tensile Strength, N/10 mm	150 minimum
Elongation at Break	125%
Electric Strength at Room Temp. kV/mm	40
Electric Strength After Humid Conditioning at 27±2°C & 93±2% RH or Water Immersion for 24 Hrs., kV/mm	35
Flammability – Resistance to Flame Propagation	Flame retardant
Insulation Resistance, ohm/25 mm	1 X 10 <sup>5</sup>
Low Temperature Properties	Flexible, no cracking, no unwinding, no electric breakdown
Penetration at Elevated Temperatures	50°C minimum
Shelf Life	12 Months from manufacture
Storage Conditions	Temperature -2°C to +27°C
	Humidity --> 5% to +55%
	Prevent exposure to direct sunlight and rain