

## P165F PVC Electrical Adhesive Tape

### DESCRIPTIONS

A thin premium grade plasticized electrical Non self-extinguishing soft PVC film coated with an aggressive pressure sensitive rubber based adhesive with good characteristics. It is highly confirmable and unaffected by most chemicals and moisture Meet ROHS requirement. It has been designed for electrical insulating application. It does not contain substances harmful to human body, such as lead and cadmium.



### APPLICATIONS

- Primary electrical insulation
- Protection for low and medium voltage cable splices
- Colour coding
- Industrial applications
- Used for electrical cables wrapping in automotive application
- Hand application

### STANDARD PRODUCTS

- Roll length : 10, 20, 25 and 33 metres
- Roll width : 12, 15, 19 and 25mm
- Core : 32 mm or 38mm cardboard core
- Packaging : Cello wrapped with label
- Colours : Black, White, Grey, Red, Blue, Yellow, Green

### SPECIFICATIONS

PROPERTY	VALUE	TEST METHOD
Total thickness	0.165 mm	ASTM-D-1000
Tensile Strength	25 N/cm	ASTM-D-1000
Elongation at break	200%	ASTM-D-1000
to steel	1.8 N/cm	ASTM-D-1000
to backing	1.8 N/cm	ASTM-D-1000
Voltage resistance	600 V	UL510
Breakdown strength	≥35KV	ASTM-D-1000
Temperature Resistance	80°C	ASTM-D-1000
Lead, Cadmium	30 pmm	US EPA3052
Mercury, Chromium	10 pmm	US EPA3060A
Polybrominated biphenyl	10 pmm	US EPA3540C

### RECOMMENDATIONS

Rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. The storage temperature should be between +10°C and +25°C×65%R.H. Use within 12 months of receipt. The tape should be applied with sufficient tension to ensure an optimum bonding and a minimum of two layers with a half overlap. The final layer should be wrapped with a lower tension to prevent flagging effects. Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.