

PVC Electrical Tape (UM)

Features:

A thin premium grade plasticized PVC film coated with an aggressive rubber-based adhesive with good characteristics. It is highly conformable and unaffected by most chemicals and moisture. Meet ROHS requirement it does not contain substances harmful to human body such as lead and cadmium. This product is approved by CE UL CSA.

Applications:

Electric insulation below 600V insulating wrapping of electric wires and cables

Marking of electric wires and cables

Can be used indoor and outdoor

Technical Data:

Property	Unit	Typical data					Test Method	
		UM120	UM130	UM150	UM165	UM180	/	
Total Thickness	mm	0.12	0.13	0.15	0.165	0.18	ASTM-D-1000	
Tensile Strength	N/cm	18	22	25	25	30	ASTM-D-1000	
Elongation at break	%	190	200	220	220	250	ASTM-D-1000	
Voltage resistance	V	600	600	600	600	600	UL510	
Peel Adhesion	To Steel	N/cm	1.5	1.5	1.5	1.5	1.5	ASTM-D-1000
	To Backing	N/cm	1.5	1.5	1.5	1.5	1.5	ASTM-D-1000
Temperature	°C	80	80	80	80	80	ASTM-D-1000	
Flame Resistance	S	<2	<2	<2	<2	<2	ASTM-D-1000	
Heavy Metal Content	Pb, Cd	ppm	30	30	30	30	30	US EPA3052
	Hg, Cr6	ppm	10	10	10	10	10	US EPA3060A
	PBB, PBDEs	ppm	10	10	10	10	10	US EPA3540C

Other Property:

- ◆ Color: Black
- ◆ Surface: Matte
- ◆ Shelf life: one year in the original packing carton when stored 23°C×65%RH

Tape Size:

- ◆ Log Roll: 0.12/0.13/0.15/0.165/0.18mmx1250mmx20m
- ◆ Paper Core Inner Dia: 32mm/38mm

Remarks:

All the data above based on our testing, the user should do trial-application on the above products before coming into application, so as to witness and ensure suitability for user's special purpose and technique.