PVC SUBMERSIBLE WINDING WIRE

Kanbery Cable Code - POLYWRAP WINDING-KAN

APPLICATIONS

Kanbery's specially designed winding wire, insulated with HR PVC grade insulation impermeable to liquids, offers the highest quality for submersible motors and guarantees trouble-free operation and long motor life. It is the first choice of winders across the country. It offers great mechanical and electrical strength and resistance to abrasion.

CHARACTERISTICS

Voltage Rating
Up to and including 1100V
Tested with 3500V

Temperature Rating
Fixed : -15°C to +85°C

Minimum Bending Radius
Fixed: 6 x overall diameter

CONSTRUCTION

Conductor
99.98% Pure Electrolyte grade bare copper conductor Use as per IEC : 60228

Insulation
Insulated with Specially formulated High Temperature Resistant PVC compound as Per IS 8783:1995

Insulation for Use

- Do not stack more than 4 coils otherwise, bottom coil is likely to get damaged due to upper coil weight.
- Always keep away winding wire from those things having sharp edges and equipment generate heat to avoid unintentional damage. Also avoid welding spark falling on winding.
- Motor manufacturers must ensure proper cable joining after winding to avoid megger or winding failer.

STANDARDS

IEC 60228
IS 8783 : 1995
IEC 60332

THE CABLE LAB

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

ISO/IEC 17025 Accredited Testing Laboratory
IECEE CBTL Accredited Testing Laboratory

SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-team emissions reductions and a net- zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions,our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.kanberycable.com/company/about-us/esg-sustainability

SCIENCE BASED TARGETS
RoHS compliant

REGULATORY COMPLIANCE

This cable is compliant with European regulation EN 50575 and Buro Of Indian Std, the Construction Products Regulation.

CPR COMPLIANT EN 50575

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab as meeting the requirements of the BSI RoHS Trusted Kitemark™.

bsi RoHS Trusted KITEMARK™
RoHS
CE
UK CA

DIMENSIONS

HR PVC Insulated winding wires as per IS : 8783 (Part 4/ sec 1):1995
(Solid Copper Conductor)

Conductor Diameter (mm)	Nom. Cross-Sectional Area (sq.mm)	Min. Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Max. Conductor Resistance at 20°C (Ohms/km)
0.80	0.502	0380	1.47	35.00
0.90	0.638	0.30	1.57	27.60
1.00	0.785	0.30	1.67	22.40
1.10	0.850	0.30	1.77	18.50
1.20	1.13	0.30	1.87	15.50
1.30	1.33	0.30	1.97	13.20
1.40	1.54	0.35	2.17	11.40
1.50	1.77	0.35	2.37	9.95
1.60	2.01	0.35	2.37	8.75
1.70	2.27	0.35	2.47	7.75
1.80	2.54	0.35	2.62	6.91
1.90	2.84	0.35	2.72	6.20
2.00	3.14	0.45	3.02	5.60
2.00	3.14	0.45	3.02	5.60
2.10	3.46	0.45	3.12	5.08
2.20	3.80	0.45	3.22	4.63
2.30	4.15	0.45	3.32	4.23
2.40	4.52	0.50	3.52	3.89
2.50	4.91	0.50	3.62	3.58
2.60	5.31	0.50	3.72	3.31
2.70	5.73	0.50	3.82	3.07
2.80	6.19	0.55	4.02	2.86
3.00	7.07	0.55	4.22	2.49