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PVC INSULATED WINDING WIRES FOR SUBMERSIBLE PUMP MOTORS

KEI
Wires and Cables
The power behind the power™





KEI INDUSTRIES LIMITED is in the business of providing quality cables for various applications for over four decades. From its inception, the company has believed in adding diversity to its product range with a view to serve its large clientele. The company has also been consistently incorporating clients feedbacks for product innovation and upgradation. Today, KEI enjoys a premium brand imagery serving large infrastructure projects in various fields like Refinery, Power, Petro Chemical, Cement, Steel and Fertilizer. It is now a proud ISO 9002 certified company. The faith and support extended by its clients usher KEI to serve yet another important and critical application - Submersible Pump Motors - through PVC Insulated Winding Wires.

PVC INSULATED WINDING WIRES: SOLID COPPER CONDUCTORS (As Per IS: 8783, Part 4/ Section 1)

SIZE	DIMENSION IN mm			CONDUCTOR RESISTANCE at 20° C ohms/km Max	RANGE OF MOTORS FOR WHICH NORMALLY SUITED HP
	NORMAL CONDUCTED DIAMETER	MINIMUM INSULATION THICKNESS	OVERALL DIAMETER APPROX.		
0.6	0.6	0.25	1.15	62.20	2 TO 3.5
0.7	0.7	0.30	1.35	45.70	2 TO 3.5
0.8	0.8	0.30	1.45	35.00	4 TO 5
0.9	0.9	0.30	1.55	27.60	4 TO 5
1.0	1.0	0.30	1.65	22.40	5 TO 10
1.1	1.1	0.30	1.75	18.50	5 TO 10
1.2	1.2	0.30	1.85	15.50	10 TO 20
1.3	1.3	0.30	1.95	13.20	10 TO 20
1.4	1.4	0.35	2.15	11.40	10 TO 20
1.5	1.5	0.35	2.25	09.95	10 TO 20
1.6	1.6	0.35	2.35	08.75	20 TO 30
1.7	1.7	0.35	2.45	07.75	20 TO 30
1.8	1.8	0.35	2.55	06.91	20 TO 30
1.9	1.9	0.35	2.65	06.20	20 TO 35
2.0	2.0	0.45	2.95	05.60	20 TO 35
2.1	2.1	0.45	3.05	05.08	20 TO 35
2.2	2.2	0.45	3.15	04.63	35 TO 75
2.3	2.3	0.45	3.25	04.23	35 TO 75
2.4	2.4	0.50	3.45	03.89	35 TO 75
2.5	2.5	0.50	3.55	03.56	35 TO 75
2.6	2.6	0.50	3.65	03.31	35 TO 75

KEI's PVC Insulated Winding Wires for Submersible Pump Motors serve more than 350 submersible pump manufacturers and thousands of rewinders across India with fine quality products.

KEI's Winding Wire is insulated with a superior grade of PVC compound as per IS: 5831 to give it the needed electrical strength and resistance to abrasion. The copper conductors used by KEI are of the highest level of purity and conductivity. These conductors are also annealed to stringent specifications.



Precautions

Although due care is taken in the handling of winding wire from manufacturing to packaging stage,



this product being delicate, proper care is also needed during handling, storage and its insertion into stator slot to ensure desired product performance.

NOTE: The range of HP given in the table is only a guide. The actual choice of winding wire will depend on design considerations of the motor.

