

Submersible Flat Cables





3 Core Flat Cables

'ROLLIFLEX' brand 3 core flat cables are manufactured keeping in mind the severe and difficult conditions in which they are required to perform. The individual conductors are made from bright electrolytic grade copper. The wires are drawn, annealed and bunched properly to ensure flexibility and uniform resistance. Each of the three copper conductors is insulated with a special PVC compound formulated, and the cores are laid up in flat parallel position. The outer sheath of the cable is made from a special grade of abrasion resistant PVC compound impervious to water, grease, oil, etc. The cables are now available with sequential marking, brand name, size and voltage grade.

Technical Data

"Rolliflex" PVC Insulated & Sheathed Three Core Flat cables 1100V Grade For Submersible Pump, confirming with "ISI" Mark. (IS: 694/90)

Area sq mm	Strand mm	Ins. Thk mm	Sheath Thk mm	Resi OHM/km	Capa. Amp	Pack Mtrs	Mat-Code	For HP Pump*
1.50	22/.30	0.6	0.90	12.10	14	1000	31843	7.50
2.50	36/.30	0.7	1.00	07.41	18	1000	31943	10.00
4.00	56/.30	0.8	1.00	04.95	26	500	32043	15.00

"Roliiflex" PVC Insulated & Sheathed Three Core Flat Cables 1100V Grade for Submersible pump, as per IS:694/90

Area sq mm	Strand mm	Ins. Thk mm	Sheath Thk mm	Resi OHM/km	Capa. Amp	Pack Mtrs	Mat-Code	For HP Pump
6.00	85/.30	1.00	1.15	3.30	31	500	32143	20
10.00	140/.30	1.00	1.40	1.91	42	500	31243	25
16.00	226/.30	1.00	1.40	1.21	57	500	32343	35
25.00	354/.30	1.20	0.79	72	72	300	32443	50

* This is general recommendation, subject to change in different use conditions.

* NOTE: Insulation thickness, Sheath thickness given in this table are nominal values. The number of wires is approximate and strand diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per IS:8130/1984