



PVC INSULATED & PVC DOUBLE SHEATHED
ROUND FLEXIBLE CABLES FOR SUBMERSIBLE PUMPS



تتكمون
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3 CORE CABLES FOR SUBMERSIBLE PUMP MOTORS

Technical Data

- **Conductor** : Flexible annealed electrolytic grade bare copper
- **Insulation** : PVC (HR)
- **Sheath** : PVC (EPR Based)
- **Voltage Grade** : Upto and including 1100V AC 50Hz 3Ph
- **Temperature** : Max conductor temperature of 90°C
- **Specification** : Generally as per IS BS 6500

Conductor		Insulation	Sheath	Conductor Resistance @20 C (Max) OHMS/KM
Area Sq mm	No./Dia of Strands	Thickness (Nom) mm.	Thickness (Nom) mm.	
1.5	22/0.30	0.8	1.8	12.10
2.5	36/0.30	0.9	1.8	7.41
4.0	56/0.30	1.0	1.8	4.95
6.0	84/0.30	1.0	2.0	3.30
10.0	140/0.30	1.0	2.0	1.91
16.0	126/0.40	1.0	2.0	1.21
25.0	196/0.40	1.2	2.2	0.78

TEXMO Cable make three core cables are best suited for submersible application and manufactured with conductor using annealed bare copper wires of electrolytic grade, bunched properly to ensure desired flexibility. The conductor is further insulated with heat resistance compound (PVC) insulation with uniform thickness with each of the core colours in Red, Yellow and Blue by using most modern machinery and extrusion techniques. The sheath with uniform thickness of Heat and Moisture Resistant type PVC (EPR Based) compound formulated and manufactured in house, the colour of the sheath is Black. The cables undergoes stringent quality checks during raw materials, in process and final testing as per the laid down specification and quality norms. The cables are available in progressive sequential marking, name, size & voltage printed on sheath.