NEELKANTH CABLES LIMITED

DATA SHEET

MULTICORE FLEXIBLE ROUND SUBMERSIBLE PUMP CABLE

Multicore Flexible Cords Description : Flexible Multistanded Copper Conductor,Flexible PVC Insulated, Overall Flexible PVC Outer Sheathed Electric Submersible Pump Cable.

Make	NEELKANTH CABLES LIMITED
Reference Standard	As per SANS:1574- 3
Voltage Grade	600/1000 Volt
Operating Temperature	70°C
Max. Temp. During Short Circuit	160°C

Range of Product 3 Core 1.5 Sq.mm up to 4C X 120 Sq.mm

Application :For use in submersible pump motor.
Standards:SANS 1574-3
Conductor: Flexible copper (Class 5)conductors Plain or Tinned toSANS:1411-1
Insulation : PVC (Polyvinyl Chloride) as per SANS: 1411-2
Insulation Type :General Purpose and Special Requirement HR,FR
Insulation Colour : 3 Core - RED,YELLOW.BLUE
4 Core - RED,YELLOW,BLUE,BLACK
Sheath:PVC (Polyvinyl Chloride) as per SANS: 1411-2
Type of Sheath:General Purpose and Special Requirement LSFR
Sheath Colour : Blue (Other Colour Required by Customer)

Technical Characteristic

Voltage Grade	600/1000 V
Test Voltage	3 kV for 5 Minute.
Spark Test Voltage	Up to and including Thickness 0.9mm - 5 kV a.c Above Thickness 0.90mm - 6 kV a.c
Insulation Volume Resistivity	Minimum 1 x 10^{13} Ohm-cm
Temperature Rating	-15ºC to +70ºC
Flame Retardent	SANS 60332 Part 1,& 2
Maximum Conductor Temperature	:70ºC(Special Requirement 85ºC,105ºC)
Short Circuit Rating:160ºC	160ºC
Minimum Bending Radius	Diameter Up to 10 mm- 3 X D Diameter Up to and including 25mm- 4 X D Diameter Up to and including 40mm- 6 X D Diameter Above 40mm- 8 X D **D = Overall Cable Diameter**

Marking & Packing

Marking over the sheath	NEELKANTH CABLES , CABLE SIZE, CU/PVC/PVC, 600/1000V, ELECTRICAL ROUND SUBMERSIBLE PUMP CABLE, YEAR OF
Sequentail Length Marking	Shall be provided on outer sheath at every one Meter
Cable Length	100 Mtrs Coils or as per Requirement
Type of Packing	Coil Wrapped with Polyethylene and Wooden Drum Fully Packed with Lagging