



1. FLEXIBLE COPPER CONDUCTOR
2. PVC INSULATION
3. PVC OUTER SHEATH

NEELKANTH CABLES LIMITED
DATA SHEET
MULTICORE FLEXIBLE FLAT SUBMERSIBLE PUMP CABLE

Multicore Flexible Cords Description : Flexible Multistanded Copper Conductor, Flexible PVC Insulated, Overall Flexible PVC Outer Sheathed Electric Flat 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 LSFRR

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 1×10^{13} Ohm-cm
 Temperature Rating -15°C to +70°C
 Flame Retardent SANS 60332 Part 1,& 2
 Maximum Conductor Temperature :70°C(Special Requirement 85°C,105°C)
 Short Circuit Rating:160°C 160°C
 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 FLAT 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

Data Sheet No.	10426	Page 1 of 1
Version	01	Issue Date: 29/04/2021