



**PRODUCT ENGINEERING / V & SB  
TECHNICAL DELIVERY CONDITIONS FOR  
SUBDELIVERY COMPONENTS OF SOOT BLOWERS**

TSB : 007

Rev. 03

SHEET No. 01 of 01

**3 x 2.5 mm<sup>2</sup> PVC INSULATED PVC SHEATHED UNARMoured CABLE**

1. Component : 3 Core 2.5mm<sup>2</sup> PVC insulated PVC sheathed unarmoured flexible cable (chord).
2. Material code : 33 002 146 0000
3. Application : For wiring rotary motor to Limit switch in wall blower.
4. Specification :
  - 4.1. No. of core : 3
  - 4.2. Area : 2.5 mm<sup>2</sup> ( 36 strands / 0.3 mm or 80/0.2mm)
  - 4.3. Construction : Multi stranded annealed tinned copper.
  - 4.4. Insulation : PVC
  - 4.5. Voltage rating : 600/1100V
  - 4.6. Sheathing : PVC
  - 4.7. Core assembly : 3 conductors coloured red, yellow and blue.
  - 4.8. Overall diameter of the cable should be 11 +0.65 / -0.40 mm.
  - 4.9. In general the construction should confirm IS 5831 / 1984.
5. Inspection, testing and certificates :
  - 5.1 Testing & Test certificate shall be as per IS 8130/1984.
6. Packing : The cables are to be wound on a wooden drum with suitable protection on the ends and must be packed & supplied in card board boxes.
7. Storage : It shall be stored under covered roof and exposing to atmosphere will damage the material.
8. Approximate weight : 0.6 kg / meter.

Inspection shall be conducted by BHEL inspector at BHEL works for the following :

1. Check for O.D. dimensional correctness.
2. Check for colour codes, core sizes & number of strands.
3. Check whether the supplier has provided test certificate.

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CONVERTED AS SOFT COPY.

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Approved (K.SRIDHARAN)