

TECHNICAL SPECIFICATION OF PAPER INSULATED COPPER CONDUCTOR (PICC)

1. MATERIAL: Copper will be of ETP Grade as per DIN EN 13601:2002 or Oxygen free copper.
2. CHEMICAL PURITY: Purity of copper as per DIN EN13601-2002.

Copper + Silver – 99.90% min.

3. TYPE OF COPPER:

- a. Annealed 0.2% CPR < 100MPa
- b. CPR-1 0.2% CPR 120-170MPa
- c. CPR-2 0.2% CPR 170-220MPa

4. TYPE OF PICC:

- a. Single conductor with paper covering.
- b. Twin bunch.
- c. Multiple bunches (Triple bunch).

5. TYPE OF PAPER:

- a. Kraft insulating paper as per IEC 554-3.
- b. Thermally Upgraded paper.

6. SIZE RANGE (Single conductor):

Width - 5.00 mm. to 25.00 mm.

Thickness - 1.20 mm. to 5.00 mm.

7. PAPER INSULATION:

Radial: 1.20 mm.

Overall: 2.40 mm.

