

FLEXIBLE PVC INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (TRI-RATED) AS PER BS 6231

APPLICATION

These type of wires / cables are intended ideal for power, lighting and control circuits in industrial, commercial, and residential settings, offering reliable performance in fixed installations.

CONSTRUCTION

- Conductor:** Flexible (Class 5) Annealed Plain Copper Conductor to EN 60228
- Insulation:** PVC (Polyvinyl Chloride) rated 105°C.
- Insulation Colour:** Red, Yellow, Blue , Black , Green / Yellow & Other Colour Available as per Requirement
- Printing Text (Example):** CU/PVC 105°C SIZE BS 6231 600/1000V TEKAB MADE IN UAE



TECHNICAL DATA

- Operating Temperature:** During Normal Operation - 105°C
During Short Circuit Condition - 160°C
- Voltage Rating:** 600/1000 V
- Flame Retardant:** IEC 60332-1-2 (upon request)

SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NOMINAL INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
1	V8	1C X 0.50	0.8	2.6	13
2	V8	1C X 0.75	0.8	2.8	17
3	V8	1C X 1.0	0.8	3.0	20
4	V8	1C X 1.5	0.8	3.0	25
5	V8	1C X 2.5	0.8	3.6	33
6	V8	1C X 4	0.8	4.2	49
7	V8	1C X 6	0.8	4.8	69
8	V8	1C X 10	1.0	6.1	116
9	V8	1C X 16	1.0	7.8	180
10	V8	1C X 25	1.2	9.7	280
11	V8	1C X 35	1.2	11.0	375

SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NOMINAL INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
12	V8	1C X 50	1.4	13.3	540
13	V8	1C X 70	1.4	15.2	740
14	V8	1C X 95	1.6	17.7	990
15	V8	1C X 120	1.6	19.5	1225
16	V8	1C X 150	1.8	21.8	1530
17	V8	1C X 185	2.0	24.0	1870
18	V8	1C X 240	2.2	27.5	2450

Packing: Packing is available in Coil/Reel/Drum with meters/Yards/Feet.

