

Flexible Twisted Cord 300 V

NBR 15717

70 °C



Conductor

Made of electrolytic bare copper wire, soft temper, class 4 stranding.

Insulation

PVC-D 70 °C - Thermoplastic polyvinyl chloride compound, in colors for identification.

Identification

White or Brown.

Maximum temperatures at the conductor

- 70 °C in continuous service.
- 100 °C at overload.
- 160 °C in short circuit.

Implementation

Twisted cord is used for lighting, household appliance connections, extension cords and portable electrical appliances in general.

Applicable Standards

NBR 15717 - Flexible twisted strands for voltages up to 300V - Specifications. NBR NM 280 - Insulated cable conductors.

NBR NM 247-1 - Polyvinyl chloride (PVC) insulated cables for rated voltages up to and including 450/750V - Part 1 - General requirements (IEC 60227-1, MOD).

Construction Data*

Number of Conductors	Nominal Section (mm ²)	Conductor Diameter (mm)	Thickness Insulation (mm)	External Dimensions (mm)	Approx mass (kg/km)	Standard Packaging	
						Roll (m)	Coil (m)
2	0,50	0,9	0,8	2,5 x 5,1	21,6	100	800
	0,75	1,1	0,8	2,7 x 5,4	27,4	100	800
	1,00	1,3	0,8	2,8 x 5,5	31,5	100	700
	1,50	1,5	0,8	3,0 x 6,0	41,2	100	600
	2,50	2,0	0,8	3,5 x 6,9	60,9	100	500
	4,00	2,5	0,8	4,1 x 8,1	90,8	100	300



*Data subject to change without prior notice