

CHARACTERISTICS

- Temperature class : CLASS C
- Continuous working temperature : From - 60 °C to + 250 °C. Peak to + 290°C (a few hours)
- Dielectric strength : 1.5 to 10kV
- Flammability : Self-extinguishing
- Good mechanical resistance
- Good resistance to UV
- Resistance to transformer oils according to UTEC 93641
- Good compatibility with class C impregnation varnishes
- Good behaviour with soldering iron
- Good behaviour with liquid combustibles, no decomposition
- Very flexible
- Watertight

COLOURS AND PACKAGING

- Manufactured diameters : 0.5 to 45 mm
- Standard colour : Brick red
- Others colours : Green, blue, black, yellow, white, orange, grey
- Standard packaging : Coils

Diameter 0.5 to 4 :	200 m
Diameter 4.5 to 12 :	100 m
Diameter 14 to 20 :	50 m
Diameter 22 to 45 :	30 m

STANDARDS*

- NF EN 60684-1 (04-1996) (replace UTE C 93-641)
- NF EN 60684-2 (01-1998)
- IEC 684-3 sheet 400 to 402 (06-2002)

APPLICATIONS

- Electromechanical industry (motors, transformers, generators,...), lighting industry, electric household appliances, automotive industry

Inner diameter mm	Tolerance inner diameter ± mm	Wall thickness minimum mm			Wall thickness maximum mm		
		1.5kV	3 & 4kV	7 to 10kV	1.5 kV	3 & 4kV	7 to 10kV
0.50	0.10	0.15	0.20	0.25	0.50	0.50	0.50
0.80	0.10	0.15	0.20	0.25	0.50	0.50	0.50
1.00	0.20	0.15	0.20	0.25	0.60	0.60	0.70
1.50	0.20	0.15	0.20	0.35	0.60	0.60	0.70
2.00	0.20	0.15	0.20	0.35	0.65	0.70	0.80
2.50	0.20	0.15	0.20	0.40	0.65	0.70	0.80
3.00	0.20	0.15	0.20	0.40	0.65	0.70	0.80
3.50	0.20	0.15	0.20	0.50	0.65	0.70	0.80
4.00	0.25	0.20	0.30	0.50	0.65	0.70	0.80
5.00	0.25	0.20	0.30	0.50	0.65	0.70	0.80
6.00	0.25	0.20	0.30	0.50	0.65	0.70	0.80
7.00	0.25	0.20	0.30	0.50	0.80	1.00	1.00
8.00	0.25	0.20	0.30	0.50	0.80	1.00	1.00
9.00	0.50	0.20	0.30	0.50	0.80	1.00	1.00
10.00	0.50	0.40	0.40	0.65	1.00	1.00	1.20
12.00	0.50	0.40	0.40	0.65	1.20	1.20	1.20
14.00	0.50	0.40	0.40	0.65	1.20	1.20	1.20
16.00	1.00	0.40	0.40	0.65	1.20	1.20	1.20
18.00	1.00	0.40	0.40	0.65	1.20	1.20	1.20
20.00	1.00	0.40	0.40	0.65	1.20	1.20	1.20
22.00	1.00	0.40	0.40	0.65	1.40	1.20	1.20
25.00	1.00	0.40	0.40	0.65	1.40	1.40	1.40
30.00	1.00	0.60	0.60	0.80	1.60	1.60	1.60
35.00	1.00	0.60	0.60	0.80	1.60	1.60	1.60
40.00	1.00	0.60	0.60	0.80	1.60	1.60	1.60

* Our products pass all or parts of requirements for the above-mentioned standards