

CHARACTERISTICS

- Temperature class : CLASS F
- Continuous working temperature : From - 30°C to + 155°C. Peak to + 185°C (a few hours)
- Dielectric strength : 3 to 10 kV
- Halogen free
- Flammability : Combustible but subsistence of the glass fibre
- Good mechanical resistance
- Resistance to transformer oils according to UTEC 93641
- Good compatibility with class F impregnation varnishes
- Good behaviour with soldering iron
- Good behaviour with liquid combustibles, no decomposition
- Watertight
- Flexible

COLOURS AND PACKAGING

- Manufactured diameters : 0.5 to 30 mm
- Standard colour : Light brown
- Others colours : Green, blue, red, yellow, black, orange
- Standard packaging : Coils
 - Diameter 0.5 to 4 mm : 200 m
 - Diameter 4.5 to 12 : 100 m
 - Diameter 14 to 20 : 50 m
 - Diameter 22 to 30 : 25 m

STANDARDS*

- NF EN 60684-1 (04-1996) (replace UTE C 93-641)
- NF EN 60684-2 (01-1998)
- IEC 684-3 sheet 409 (06-1999)

APPLICATIONS

- Electromechanical industry (motors, transformers, generators, ...), all class F insulation

Inner diameter mm	Tolerance inner diameter ± mm	Wall thickness minimum mm	Wall thickness maximum mm
0.5	0.15	0.35	0.65
0.8	0.2	0.35	0.65
1.0	0.2	0.35	0.65
1.5	0.2	0.35	0.65
2.0	0.2	0.35	0.65
2.5	0.2	0.35	0.65
3.0	0.25	0.35	0.65
3.5	0.25	0.35	0.65
4.0	0.25	0.35	0.65
4.5	0.25	0.35	0.65
5.0	0.25	0.35	0.65
6.0	0.25	0.35	0.65
7.0	0.25	0.35	0.65
8.0	0.3	0.5	0.9
9.0	0.3	0.5	0.9
10.0	0.3	0.5	0.9
12.0	0.3	0.5	0.9
14.0	0.5	0.5	1.0
16.0	0.5	0.5	1.0
18.0	0.5	0.5	1.0
20.0	0.5	0.5	1.0
22.0	0.6	0.5	1.5
25.0	0.6	0.5	1.5
30.0	0.6	1.0	2.0

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