

Glass fibre braided sleeving with polyurethane varnish



Standards*

- Compliant with directive RoHS 2002/95/CE
- NF EN 60684-1 (10/2003)
- NF EN 60684-2 (01-1998) modified by NF EN 60684-2/A1 (12/2003), NF EN 60684-2/A2 (05/2006)
- NF EN (CEI) 60684-3 sheet 409 (12/1999)
- Pass the Flame retardant UL test (horizontal test)

Colours and packagings

- Manufactured diameters : from 0.5 to 40 mm
- Standard colour : light brown
- Other colours : green, blue, red, black, orange, yellow

Applications



Characteristics

- Temperature class : F
- Continuous working temperature : from -30°C to +155°C. Peaks at +185°C (few hours)
- Dielectric strength : 3 to 10kV
- Up to twice more rigid than our reference SEP, according to the standard NF EN 60684-2 § 18
- Hardness of the varnish : 68 Shore A
- Halogen free
- Flammability : combustible, but the glass fibre stands
- Good mechanical resistance
- Good resistance to hydrocarbons
- Resistance to transformer oils according to UTEC 93641
- Good compatibility with class F impregnation varnishes
- Good behaviour with soldering iron
- Good behaviour with liquid fuels, no decomposition
- Watertight
- Flexible

- Standard packaging : rolls
 - diameter 0.5 to 4 mm : 200 m
 - diameter 4.5 to 12 mm : 100 m
 - diameter 14 to 20 mm : 50 m
 - diameter 22 to 40 mm : 25 m

Inner diameter (mm)	0.5	0.8	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	9	10	12	14	16	18	20	22	25	30	32	35	40
Tolerance inner diameter (± mm)	0.15	0.2	0.2	0.2	0.2	0.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Minimum wall thickness (mm)	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	1
Maximum wall thickness (mm)	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.9	0.9	0.9	0.9	1	1	1	1	1.5	1.5	2	2.5	2.5	2.5

*Our products pass all or parts of requirements for the above-mentioned standards. The technical information written on our datasheets correspond to the most recent knowledges we have on those products, but the user is not exempted to verify the performances in the real particular context of application.

