



# SEP

## Glass fibre braided sleeving with polyurethane varnish



### Characteristics

- Temperature class : F
- Continuous working temperature : from -30°C to +155°C.  
Peaks at +185°C (few hours)
- Dielectric strength : 3 to 10kV
- Halogen free
- Up to twice more soft than our reference SEP-R, according to the standard NF EN 60684-2 S 18
- Hardness of the varnish : 60 Shore A
- Flammability : combustible, but the glass fibre stands
- Good mechanical resistance
- Good resistance to hydrocarbons
- Resistant to transformer oils
- Good compatibility with class F impregnation varnishes
- Good behaviour with soldering iron
- Good behaviour with liquid fuels : no decomposition
- Watertight
- Flexible

### Standards\*

- Compliant with directive RoHS 2011/65/EU
- NF EN 60684-1 (10/2003)
- NF EN 60684-2 (07-2012)
- NF EN (CEI) 60684-3 sheet 409 (12/1999)
- **Option** : UL 1441 / CSA C22.2 N°198.3  
(Flame retardant test approved (horizontal test)  
File N° : UZKX2 - E302796)

### Colours and packagings

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

### Applications



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	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	0.6	0.6	1	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	1.50	2	2.5	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 te real particular context of application.



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