

## 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
- Up to twice more rigid than our reference SEP, according to the standard 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
- Good compatibility impregnation varnishes of the same class
- Good behaviour with soldering iron
- Good behaviour with liquid fuels : no decomposition
- Watertight
- Flexible

### STORAGE

Store away from daylight and humidity. Prolonged exposure to daylight (UV) causes the sleeveings to become sticky and/or oily. Use within twelve months of the date of manufacture is recommended. The insulating sleeving may deteriorate under specific conditions such as high humidity, aggressive environments, or particular mechanical stress.

For sleeveings of colors other than natural, it is also recommended to use them within 12 months after their production because they tend to fade and can leave marks on the hands.

### APPLICATIONS



### STANDARDS\*

- Compliant with RoHS directive
- Compliant with Reach regulation
- EN (CEI) 60684-3 sheet 409
- EN 60684-1
- EN 60684-2
- Option : UL 1441 / CSA C22.2 N°198.3  
File number : UZKX2 - E302796

### COLOURS AND PACKAGINGS

- Manufactured diameters : From 0.5 to 45 mm
- Colours up to Ø20 mm : Green, blue, red, black, orange, yellow, white, natural
- Colour over Ø20 mm : white

Standard packaging :

- Diameter 0.5 mm : 400 m
- Diameter 0.8 to 1.5 mm : 300 m
- Diameter 2 to 6 mm : 200 m
- Diameter 7 to 12 mm : 100 m
- Diameter 14 to 20 mm : 50 m
- Diameter 22 to 45 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  | 45  |
|---------------------------------|------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |

\* 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.