

### FIBERGLASS POLYURETHANE SLEEVING 4000V

#### DESCRIPTION:

Glass fiber sleeving (E-type for dielectric usage)  
coated with polyurethane resin, 4.0 kV

#### SPECIFICATIONS:

Insulation class:	Class F – 155°C
In accordance with:	UNEL 02311 and 02313, CEI 15-33 and 15-65, UL 94, RoHS 2011/65/CE
Working temperature:	from - 30°C to + 155°C (with peaks of 190°C)
Dielectric strength:	from 4.0 kV to 5.0 kV
Flexibility:	very flexible, excellent mechanical strength
Water absorption:	insignificant
Water resistance:	waterproof
Flame resistance:	fireproof up to 500°C – In case of fire H <sub>2</sub> O + CO <sub>2</sub> is minimally developed and SiO <sub>2</sub> (silica) settling on glass surface (flame is not propagated).
Self-extinguishing:	V-O grade, non-flammable
UV Resistance:	good resistance
Resistance to insulated chlorate liquids:	good resistance
Resistance to transformer oils:	good resistance in accordance with UTEC 93641
Resistance to solvents:	good resistance
Kept to welder tip:	no retraction during welding operation
Compatibility with impregnation paint:	good compatibility with same class paint
Kept to liquid fuels (kerosene):	no decomposition, good behavior with liquid fuels
Standard colors:	amber
Other colors :	on demand according to minimum quantity productivity
Diameters:	from 0,5 mm to 46 mm (also diameters 48 mm and 50 mm on demand)
Internal diameters tolerance:	± 0,12/0,60 (UNEL 02313)
Wall thickness:	from 0,5 mm to 2.0 mm
Wall tolerance:	± 0,10/0,20 and over (**)
Standard roll length (on carton coil):	Ø 0,5/4.0: 200 mt – Ø 5.0/14.0: 100 mt - Ø 16.0/24.0 : 50 mt – over : 25 mt

(\*\*) according to type of yarn to produce different diameters and dielectric strength.

#### PRODUCT COMPOSITION:

Base:	100% E-glass (for dielectric electrotechnical usage)
Coating:	polyurethane resin

NOTES:	It is flexible glass sleeve standing to high temperature and dielectric strength.
USAGE:	Machinery insulation, engines, transformers, electric resistances.
SECTOR:	Lighting, plant engineering, car industry, electronics, computing, etc. in class F