



## FIBERGLASS SILICON RUBBER SLEEVING 2.5 kV

**DESCRIPTION:** Glass fiber sleeving (E-glass for dielectric usage) coated with silicon rubber), 2.5 kV

### TECHNICAL SPECIFICATIONS:

Insulation class	: H (180°)
In accordance with	: UNEL 02311 e 02313 – CEI 15-33 e 15-65 – UL 94, RoHS 2011/65/CE
Working temperature	: from – 60° to + 280°C (with peaks of 290°)
Dielectric strength	: from 2.5 kV to 3.0 kV
Flexibility	: very flexible
Water absorption	: insignificant
Water resistance	: waterproof
Flame resistance	: fireproof up to 500° - 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-0 grade, non-flammable
UV resistance	: good resistance
Resistance to insulated chlorate liquids	: good resistance
Resistance to transformer oils	: good resistance
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)	swelling out in hydrocarbons
Standard colors	: brick red, white, black
Other colors	: on demand
Diameters	: from 0.5 mm to 50 mm
Inner diameter tolerance	: ± 0,12/0,60 (UNEL 02313)
Wall thickness	: from 0.5 mm to 1.5 mm
Wall tolerance	: ± 0,10/0,20 and over (**)
Standard roll length (on carton coil)	: 0.5/4 : 200 mt/each – 5/14: 100 mt/each – 16: 30 mt - over: 25 mt/each

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

### PRODUCT COMPOSITION:

Base	: 100% E-glass
Coating	: silicon rubber

Notes Flexible glass fiber sleeving standing to high temperature and dielectric strength.  
 Application Machinery insulation, engines, transformers, electric resistances, automotive.