

FIBERGLASS SILICON RUBBER SLEEVING 1500V

DESCRIPTION:

Glass fiber sleeving (E-type for dielectric usage)
coated with silicon rubber, 1.5 kV

SPECIFICATIONS:

Insulation class:	Class H – 180°C
In accordance with:	UNEL 02311 and 02313, CEI 15-33 and 15-65, UL 94, RoHS 2011/65/CE
Working temperature:	from - 60°C to + 280°C (with peaks of 290°C)
Dielectric strength:	from 1.5 kV to 2.0 kV
Flexibility:	very flexible
Water absorption:	insignificant
Water resistance:	waterproof
Flame resistance:	fireproof up to 500°C – In case of fire H ₂ O + CO ₂ is minimally developed and SiO ₂ (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
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 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 1.5 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: 30 mt – over : 25 mt/each

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

PRODUCT COMPOSITION:

Base:	100% E-glass (for dielectric electrotechnical usage)
Coating:	silicon rubber

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 H