

FIBERGLASS SLEEVING HT-800V

DESCRIPTION:

Glass fiber sleeving (E-type for dielectric usage)
coated with heat treated silicon resin

SPECIFICATIONS:

Insulation class:	Class C – 550°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 + 500°C
Dielectric strenght:	from 0,8 kV to over 1.0 kV
Flexibility:	very flexible
Water absorption:	insignificant
Water resistance:	waterproof
Flame resistance:	fireproof up to 550°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):	good compatibility with liquid fuels / no decomposition
Standard colors:	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 2.0 mm
Wall tolerance:	± 0,10/0,20 and over (**)
Standard roll length (on carton coil):	Ø 0,5/2.5: 200 mt – Ø 3.0/8.0: 100 mt – Ø 9.0/14.0: 50 mt – over : 25 mt/each

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

PRODUCT COMPOSITION:

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

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