

FIBER GLASS COVERED WITH A SILICONE RUBBER LAYER INSULATING SHEATHS, MODELS TU-FIVISI

General characteristics

- Plaited glass fibre protection covered with a silicon rubber layer.
- Continuous working temperature: from -60 °C to +250 °C. Peaks up to +290 °C.
- Adequate resistance to humidity, ozone and UV.
- Adequate resistance to most chemical atmospheres.
- Auto-extinguished
- Dry dielectrical strength from: **1,5 to 2 kV**.

Packaging: In coils of 50 or 100 m. according to stock.

Usual applications

- Internal wires for revolving machinery (Class H and C)
- All kind of insulators continuously reaching 250°C in electrical pipes
- Heating elements
- Lighting items
- Measuring and regulating
- Pipe connections
- Thermal insulation of wire handles

Code	Reference	Colour and temperature range	Dimensions in mm		Weight kg/km
			Øint + Tolerance	Wall thickness	
116030000	TU-FIVISI-1	RED BRICK -60 °C at +250 °C	1 ± 0,20	0,15 - 0,60	3,8
116030100	TU-FIVISI-2		2 ± 0,20	0,15 - 0,65	5
116030200	TU-FIVISI-3		3 ± 0,20	0,15 - 0,65	7,7
116030300	TU-FIVISI-4		4 ± 0,25	0,20 - 0,65	13,2
116030400	TU-FIVISI-5		5 ± 0,25	0,20 - 0,65	15
116030600	TU-FIVISI-8		8 ± 0,25	0,20 - 0,80	25
116030700	TU-FIVISI-10		10 ± 0,50	0,40 - 1,00	34
116031200	TU-FIVISI-12		12 ± 0,50	0,40 - 1,20	45

FIBER GLASS IMPREGNATED WITH PURE SILICONE GLAZE, MODELS TU-FIVI

General characteristics

- Plaited glass fibre protection fully impregnated with a pure silicon glaze.
- Continuous working temperature: from -60 °C to +350 °C. Peaks up to +400 °C.
- Adequate mechanical resistance.
- Incombustible.
- Dry dielectrical strength from: **0,8 to 1,2 kV**.

Packaging: In coils of 50 or 100 m. according to stock.

Usual applications

- Heating elements
- Heating wires for electrodomestic items
- Electrothermal machinery
- Cookers, etc.

Code	Reference	Colour and temperature range	Dimensions en mm		Weight kg/km
			Øint + Tolerance	Wall thickness	
116020000	TU-FIVI-1	NATURAL WHITE -60 °C at +350 °C	1 ± 0,25	0,35	2,4
116020200	TU-FIVI-2		2 ± 0,25	0,4	3,1
116020100	TU-FIVI-2,5		2,5 ± 0,25	0,4	3,9
116020300	TU-FIVI-3		3 ± 0,25	0,4	6,8
116020400	TU-FIVI-4		4 ± 0,30	0,5	9
116020500	TU-FIVI-5		5 ± 0,30	0,5	11
116020600	TU-FIVI-6		6 ± 0,30	0,5	12
116020700	TU-FIVI-8		8 ± 0,40	0,5	16
116020800	TU-FIVI-10		10 ± 0,50	0,6	20
116020900	TU-FIVI-12		12 ± 1,00	0,7	29
116021100	TU-FIVI-16		16 ± 1,00	0,9	49

PLAITED PROTECTION OF SILICON FIBRE, NOT TREATED, NON IMPREGNATED, MODELS TU-SILICIO

General characteristics

- Continuous working temperature: + 1050°C. Peaks up to + 1200°C.
- Incombustible.
- Good flexibility.
- Excellent thermal insulation properties.
- Low thermal dilatation coefficient.
- Slight fraying at cut.
- Very high chemical resistance, specially towards acids.

Chemical composition

- Silica dioxide SiO₂ > 99,9%
- **PRODUCT GUARANTEED WITHOUT ASBESTOS.**

Usual applications

- Protection of rollers to transport annealing ovens for special glasses (does not modify the surface of the glass plates).
- High temperature insulating handle protection.
- Industrial ovens.

Code	Reference	Colour and temperature range	Dimensions in mm		Weight kg/km
			Øinternal	Wall thickness	
116035000	TU-SILICIO-1	NATURAL WHITE +1050 °C	1	0,7	3,8
116035100	TU-SILICIO-2		2	0,7	6,2
116035300	TU-SILICIO-4		4	0,7	15,2
116035500	TU-SILICIO-6		6	0,7	24

FMINERAL FIBRE PROTECTION COATED IN SILICONE RUBBER, WATER AND FIRE PROOF, MODELS TU-FIMINSI

General characteristics

- Continuous work temperature: from -60 °C to +260 °C.
- Peaks: 30 min at 800 °C / 15 min at 1100 °C / 1 min at 1500 °C
- Excellent flexibility at low temperature.
- Slight swelling with hydrocarbons.
- Does not harden, soften or flake.
- The plait thickness ensures thermal protection.
- The silicone layer ensures resistance to occasional flames and water and reinforces the thermal efficiency.
- **PRODUCT GUARANTEED WITHOUT ASBESTOS**

Usual applications

- Iron and steel industry, glass industry, chemical industry, naval and rail construction. Protection and insulation of electrical wire handles, water, gas, compressed air, hydraulic fluids pipes against several types of aggression:
- Presence of flames.
- Melted metal or glass projections.
- Steam projections... aeronautic and space construction. All aggressive environments (flames, projections, etc)

Standards

- Inspired by the American aeronautic norm SAE 1072

Code	Reference	Colour and temperature range	Dimensions in mm		Weight kg/km
			Øinternal	Wall thickness	
116040800	TU-FIMINSI-10	RED BRICK -60 °C at +260 °C	10	4	140