

## BRAIDED INSULATING SLEEVINGS

## OTHER PROTECTIVE SLEEVINGS

# SILIGAINÉ® TN FR

## -50°C to +150°C

FIREPROOF BRAIDED EXPANDABLE SLEEVING  
IN SINGLE-FILAMENT POLYESTER



### Standards\*

- Classification R22: HL3, R23: HL3, according to EN 45545-2
  - UL 1441

### Applications

- Protection of assemblies subject to severe mechanical constraints (abrasion, cutting, alternate bendings, doorways, etc.).
  - Railway and electronic industries.

### Packaging

- Diameters from 3 to 8 mm: 100 m spools.
- Diameters from 10 to 50 mm: 50 m spools.

### Characteristics

#### General

- Continuous operating temperature: -50°C to +150°C
- Peaks at +175°C.
- Expandable sleeve
- Flame resistant
- Excellent resistance to abrasion
- Excellent cutting resistance
- Excellent resistance to humidity and mould
- Light weight
- Halogen-free

### Recommendations

Hot cutting to length means there is no fraying to the ends.

### Standard products

- Colour: black with white tracer.

Part number	Nominal internal diameter** (mm)	Minimum internal diameter** (mm)	Maximum internal diameter** (mm)	Approximative linear weight (kg/km)
PO903004	3	2	5	3.6
PO903002	4	3	7	4.3
PO903005	5	4	9	4.9
PO903006	6	5	11	5.8
PO903007	8	7	13	7.2
PO903008	10	9	15	8.7
PO903009	12	11	17	10.3
PO903001	15	13	20	11.3
PO903010	20	18	25	13.1
PO903012	25	22	30	18.0
PO903011	30	27	40	21.8
PO903013	40	35	50	29.5
PO903014	50	45	60	36.1

\*Standards: our products comply with all or part of the requirements of standards quoted; contact us.

\*\*The extra flexibility of this type of sleeving negates any need to show tolerances on the internal diameter.

For this product, please contact:

OMERIN division principale   
Zone Industrielle - F 63600 Ambert  
Tel. +33 (0)4 73 82 50 00  
omerin@omerin.com

OMERIN division silisol   
BP 87 - ZI du Devey - F 42000 Saint-Étienne  
Tel. +33 (0)4 77 81 36 00  
silisol@omerin.com

[www.omerin.com](http://www.omerin.com)

**omerin**  
LES CABLES DE L'EXTREME

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In some cases, for production purposes, a separating tape may be added between two successive layers. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

© Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.