

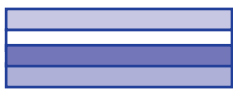
Product: **Metalised Liner ML**

Product group: **Cable Materials**

## General description

The metallised liner is designed as a typical component of Nitto's TELE-COLD-SEAL joint closure system. This laminated product provides strength and protection to the joint.

## Construction



- Polyethylene terephthalate
- Aluminium
- MB Kraft
- Low-density polyethylene

## Characteristics

Nitto's metallised liner ML acts as mechanical protection and shields against stray currents.

It can also be used as an additional lightning conductor.

## Application

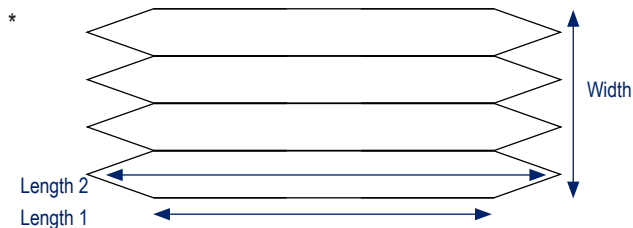
The metallised liner is designed as a component of the Nitto's TELE-COLD-SEAL joint closure system for copper telecommunication cables.

## Features

- mechanical protection
- shielding against stray currents
- additional lightning conductor

### Properties

Article	Length 1*	Length 2*	Width*
ML12022	140 mm	200 mm	220 mm
ML13030	220 mm	300 mm	300 mm
ML14030	320 mm	400 mm	300 mm
ML15540	440 mm	550 mm	400 mm
ML17550	640 mm	750 mm	500 mm
ML19070	790 mm	900 mm	700 mm



### Warranty

Store in the original packaging in a cool and dark place, humidity ( 40 to 80 % RH ). Under these conditions the product can be kept for 6 months.

### Availability

Article	Carton size (WxLxH)	Pieces / carton
ML12022	325 x 250 x 210 mm	100
ML13030	337 x 337 x 225 mm	100
ML14030	420 x 420 x 215 mm	100
ML15540	600 x 490 x 225 mm	100
ML17550	packed loose	50
ML19070	packed loose	50

### Instructions

- Instructions are included in Nitto's TELE-COLD-SEAL kit.
- The concept meets the specifications from telecommunication organisations in several European countries.

If you require additional information on technical properties and application as well as product sampling or testing, please contact your local Nitto sales office.



For your local Nitto sales office, please visit our web site:  
[www.nitto.com](http://www.nitto.com)

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#### General conditions of use and precautions:

The properties of the product might be adversely affected by various elements such as composition, condition and surface of and impurities in or on the substrate, temperature and humidity during storage, the surrounding environment at and after application and time of exterior use. When the product is used in combination with another material or process, the user shall assure the compatibility of the product in such combination and whether this combination results in the expected performance. The same principle applies in the event of product use in extreme conditions or circumstances, whether at or after the moment of application, including extended exposure to sunlight or extreme temperatures and pressure.

#### Packaging, transport and storage:

During transport and storage the product should always be protected against direct sunlight and extremes in temperature and humidity and contained in its original packaging. Once removed from its packaging, it should be promptly applied and remain shielded from direct sunlight and extreme temperature as well as protected against dust and other impurities.

#### Liability:

Except for its wilful misconduct, Nitto Belgium's liability shall be limited to a replacement, a reimbursement or an additional delivery of the product, and shall not exceed the purchase price of the products. In no event shall Nitto be liable in respect of any indirect or consequential damages, including loss of profits.

The above limitations of liability shall equally apply if Nitto Belgium has assisted in any manner with the selection, treatment or application of the product.

#### Product information:

This datasheet provides a general description of the product properties and application scope. Full technical details in connection with this product are presented in the customer product specification, which is available upon request.

The information reflected in this datasheet is subject to change and the product described herein may be modified or discontinued without notice.

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Nitto Belgium NV has obtained following certificates:

- ISO 9001
  - ISO 14001
  - ISO/TS 16949
- Please check our website for applicable scope