

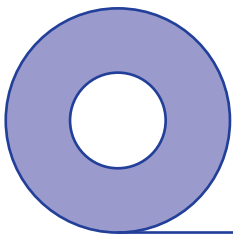
Product: **PE 3415**

Product group: **PE Tapes**

General description

Nitto PE 3415 is a high grade PE film coated with a pressure sensitive acrylic adhesive. This general purpose tape is a halogen free, good chemical resistant tape suitable for in- and outdoor use.

Construction



- Pressure sensitive acrylic adhesive
- PE film

Characteristics

Nitto PE 3415 is a halogen free tape with excellent physical properties.

A good balance between adhesion strength, unwind force and film flexibility assures good workability and good sealing properties.

Nitto PE 3415 is a 150 micron thick PE tape with a good resistance against abrasion, moisture and solutions with acids and alkaline.

The very good opacity property of Nitto 3415 make the tape highly appreciated for use in Flat Panel Displays.

The PE tape is suited for outside use thanks to the good weatherability properties.

Application

Nitto PE 3415 is used for a variety of applications:

- corrosion prevention
- repair of greenhouse foils
- sealing and splicing of PE-foils
- packaging application
- glass industry

Features

- good workability
- good sealing properties
- good moisture and chemical resistant
- good weatherability
- good opacity
- non-halogen

Properties

	Typical Value	Test Method
Total thickness	0.15 mm	IEC 60454-2 §4
Adhesion on BA steel	650 cN/20 mm	IEC 60454-2 §11(Dwelling time 15 min.)
Adhesion to backing	180 cN/20 mm	IEC 60454-2 §11(Dwelling time 15 min.)
Unwind force	235 cN/20 mm	EN 1944
Tensile strength LD**	48 N/20 mm	IEC 60454-2 §8
Elongation LD	430 %	IEC 60454-2 §8

* LD = Length Direction

Warranty

The product is guaranteed to be free from defect in material and workmanship at the time of delivery and will be suitable for use for a period of 12 months thereafter, subject to the conditions set out herein.

Availability

Colours: **transparent**, white, black
 Widths: 19, 25, 30, 38, **50**, 100...1100 mm
 Lengths: 25, **50**, **100** and 300 m
 Core diameter: 76 mm or 3"

* Please contact us for other dimensions and/or colors

Application guidelines

- The tape should be applied on a clean and dry surface.
- Apply the tape with a moderate tension and with an overlap of 50%.

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

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.

Edition: September 2013
 Code: DS/10.08/B2 PE3415 ENG
 This datasheet replaces all previous versions

Nitto Belgium NV has obtained following certificates:

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



For your local Nitto sales office, please visit our web site:

www.nitto.com

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