

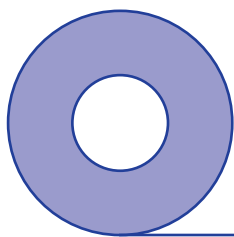
Product: **595 series**

Product group: **Baseless Tapes**

## General description

Nitto 595 series consist of a light and ageing resistant baseless modified acrylic pressure sensitive adhesive. Mainly used for splicing in the printing industry.

## Construction



- Colourless modified acrylic adhesive
- Paper release liner

## Characteristics

Thanks to its thin adhesive coating, Nitto 595 Series contributes to reduce the overall splice thickness.

The high heat resistance makes the tape suitable for high efficiency splices on heat set printers.

## Application

These products are used for automatic flying splice in the printing industry. Recommended for newsprint (cold set) and commercial print (heat set).

## Features

- thin adhesive coating
- high temperature resistance
- RoHS compliant (2011/65/EC, 2015/863)

## Technical Properties

### General physical properties

	Typical Value	Test Method
Adhesive type	Colourless modified acrylic	
Tape thickness*	0.050 mm	EN 1942
Release liner type	595B: Siliconised havana paper (90 g/m <sup>2</sup> ) 595W: Siliconised white paper (90 g/m <sup>2</sup> )	
Carrier type	None (baseless tape)	
Release value	10 cN/50mm	Nitto Belgium Test Method
Adhesion to BA steel	250 cN/20mm	EN 1939
Transport and storage conditions	Temperature 15 °C to 30 °C Relative humidity 40 to 75% RH	

\* Tape thickness = Total thickness without liner

Details from the test methods are described on the customer product specification.

CAUTION: The above are typical values and should not be used in writing specifications.

### Performance properties

	Typical value	Test Method
Temperature resistance	180 °C	3 min. , 200 g/cm <sup>2</sup>
Dynamic shear	150 N/4cm <sup>2</sup>	Tested after 15 min., 300mm/min.

### 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 6 months thereafter, subject to the conditions set out herein.

### Application guidelines

- Keep the tape in its original packaging until use.
- The tape should be applied to clean and dry surfaces. Remove all oil, moisture and dirt from the surface of the substrate before applying.
- Since the tape is pressure sensitive adhesive, be sure to apply pressure with a roller or press when applying. Failure to do so could affect properties or appearance.
- The best application conditions are obtained at a temperature between 15 °C and 40 °C.

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 and 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.

Please be advised that 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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This datasheet replaces all previous versions

Nitto Belgium NV has obtained following certificates:

- ISO 9001
- ISO 14001
- IATF 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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