

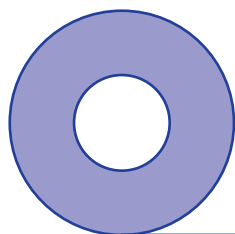
Product: **P02**

Product group: **Double-Coated Tapes**

General description

Nitto double-coated tape P02 consists of a impregnated paper coated with a synthetic rubber / resin pressure sensitive adhesive and laminated with a paper release liner.

Construction



- Synthetic rubber/resin adhesive
- Impregnated Paper
- Synthetic rubber/resin adhesive
- Paper release liner

Characteristics

Nitto double-coated tape P02 combines a high shear strength with a high initial tack.

The adhesive will not dissolve when exposed for limited periods to solvents.
The release liner is easy to remove after a high pressure lamination operations.

This tape has a good conformability.

Application

Nitto double-coated tape P02 is designed for a variety of mounting, holding and laminating applications. Ideal for use on glass or metal surfaces.

Also recommended for holding metal in place during machine operations for anchoring metal plates, cuts and patches to printing forms and for mounting display items and moldings.

It can also be used for splicing medium-to-heavy weight papers.

Features

- high shear strength
- high initial tack
- solvent resistant
- multi-purpose tape
- RoHS compliant (2011/65/EC, 2015/863)

Technical Properties

General physical properties

	Typical Value	Test Method
Adhesive type	Synthetic rubber/resin	
Tape thickness*	0.190 mm	EN 1942
Release liner type/colour	White siliconised paper (90g/m ²)	
Carrier type	White impregnated paper	
Release value	Open side: 2 cN/50mm Closed Side: 12 cN/50mm	Nitto Belgium Test Method
Adhesion to BA steel	1400 cN/20mm	EN 1939
Static shear	0 mm/3h	EN 1943
Transport and storage conditions	Temperature 15 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.

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

- For optimum results, an even rub down pressure must be applied to the taped area to create the best possible adhesion between tape and the substrates.
- To ensure optimal anchorage of tape to foam, attention should be paid to the lamination pressure, temperature and time.
- Remove the liner prior to usage.
- The tape should be applied to clean and dry surfaces.
- 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.

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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