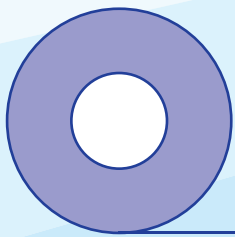


7103

General description

Nitto single-coated tape 7103 is a high performance kraft paper splicing tape, coated with a water-soluble pressure sensitive adhesive.

Construction



-Colourless water-soluble acrylic adhesive
-Paper carrier

Characteristics

Nitto 7103 has a siliconised backing which allows an easy unwind.

The product has a high shear and temperature resistance.

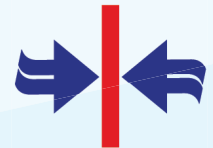
Thanks to its bi-directional high strength carrier, the tape performs well when exposed to high tensions.

The tape resists humidity for a limited period of time.

Application

Nitto 7103 is a suitable product for splicing process paper in high demanding processes.

CORE FUNCTION



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Features

- high shear resistance
- high temperature resistance
- bi-directional high strength carrier
- RoHS compliant (2011/65/EC, 2015/863)



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Code: DS/06.09/ 7103 ENG
This datasheet replaces all previous versions

Technical Properties

General physical properties

| | Typical Value | Test Method |
|----------------------------------|--|-------------|
| Tape thickness | 0.150 mm | EN 1942 |
| Adhesive type | Colourless water-soluble acrylic | |
| Release liner type/colour | Siliconised brown kraft paper | |
| Release liner weight | 90 g/m ² | |
| Adhesion to test carton | 1000 cN/20mm | EN 1939 |
| Transport and storage conditions | Temperature 15 °C to 30 °C Relative humidity 40 to 75% RH | |

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 | 200 °C | 3 min. , 200 g/cm ² |
| Dynamic Shear on siliconised kraft paper | 75 N/25cm | Tested within 1 min., 100mm/min. |
| Tensile strength machine direction | 150 N/20mm | EN 14410 |
| Tensile strength cross direction | 110 N/20mm | EN 14410 |
| Elongation machine direction | 6 % | EN 14410 |
| Elongation cross direction | 9 % | EN 14410 |

Warranty

The product is guaranteed to be free from defect in material and workmanship and will be suitable for use for the period as indicated on the packaging, subject to the conditions set out in the product specification.

Application guidelines

- Keep the tape in its original packaging until use.
- 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 web surface.
- 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, 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.

Nitto Belgium NV has obtained following certificates:

- ISO 9001
- ISO 14001
- IATF 16949

Please check our website for applicable scope

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