

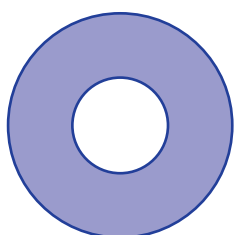
Product: **733 - 733OW**

Product group: **Repulpable Single-Coated Tapes**

General description

Nitto repulpable single-coated tapes 733 and 733OW consist of a green water-soluble acrylic adhesive, coated on a non-siliconised kraft paper, laminated on a single sided siliconised release liner. These tapes are used for butt splices and safety overlap splices.

Construction



- Bleached kraft paper
- Green water-soluble acrylic adhesive
- 1-side Siliconised white glassine paper*

* 733OW has the same construction as 733, but is wound with the release liner on the inside of the roll.

Characteristics

Nitto 733(OW) has a good adhesion level on paper. The bleached kraft paper allows coating and ink-anchorage. The high shear resistance and temperature resistance makes the tape suitable for high temperature splicing operations.

For storage, the tape is hermetically sealed in plastic bags, to maintain constant moisture content.

Nitto 733(OW) passes repulpability test by TAPPI Method UM-213-A.

Application

Nitto 733(OW) is suitable for butt (head to head) splices and safety overlap splices on medium to high paper grammages.

The product is also available with slitted liner for easy manual application.

Features

- good adhesion level
- non-treated backing allows coating and ink-anchorage
- high shear resistance
- high temperature resistance
- repulpable according to TAPPI Method UM-213-A
- RoHS compliant (2011/65/EC, 2015/863)

Technical Properties

General physical properties

	Typical Value	Test Method
Tape Thickness*	0.100 mm	EN 1942
Adhesive type	Green water-soluble acrylic	
Release liner type / colour	Siliconised white glassine paper	
Release liner weight	90 g/m ²	DIN 53104
Carrier type	Kraft paper	
Adhesion to test carton	1100 cN/20mm	EN 1939
Static Shear	0 mm/3h	Nitto Belgium Test Method
Release value	10 cN/50mm	Nitto Belgium Test Method
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 ²
Repulpability	Good	Nitto Belgium Test Method (ISO 5263)
Dynamic Shear	60 N/4cm ²	Tested after 15 min., 300mm/min.
Oozing & Bleeding (1.5T/7days)	Minor contamination	2x10 paper layers, RT/50% RH
Tensile strength machine direction	110 N/20mm	EN 14410
Tensile strength cross direction	50 N/20mm	EN 14410
Elongation machine direction	3 %	EN 14410
Elongation cross direction	6 %	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 individual 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.
- Remove the liner prior to splicing.
- 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.

Edition: January 2019

Code: DS/06.09/D2 733-733OW ENG

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

Copyright © 2019 NITTO BELGIUM NV. All rights reserved.