

Product group

Bonding & Joining

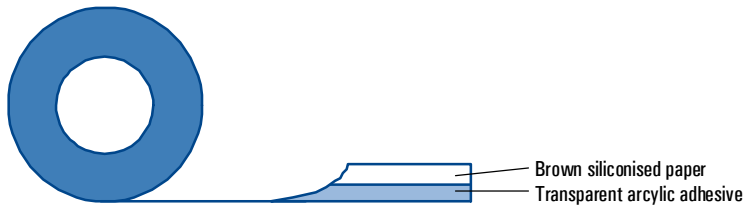
Product

595B

General description

Nitto transfer tape 595B consists of a light and ageing resistant modified acrylic pressure sensitive adhesive. Mainly used for splicing operations in the printing industry.

Construction



Characteristics

The 595B, thanks to its thin and even adhesive coating the tape enables a reduced splice thickness.

The high heat resistance allows excellent splice efficiency for heat set printers.

Application

Automatic flying splice in printing industry. Recommended for newsprint (cold set) and graphic papers (heat set).

Features

- thin and even adhesive coating
- high heat resistance

Technical Properties

General physical properties

		Test method
Adhesive type	Transparent acrylic adhesive	
Tape thickness*	0.050 mm	NITTO 01B
Release liner type / colour	Brown siliconised paper	
Release liner thickness	0.08 mm	NITTO 01G
Carrier type	Transfer	
Release value	12 cN/50mm	NITTO 36A
Adhesion to stainless steel	S1: 340 cN/20mm	NITTO 15A

* Tape thickness = Total thickness without liner

Performance properties

		Test method
Heat resistance	200 °C	
Shear	200 N/4cm ²	NITTO 73A
Splicing Tack (Scale: R9411 = 10)	4	

Application guidelines

- For optimum results, an even rub down pressure must be applied to the taped area to create the best possible adhesion between the tape and the web surface.
- Remove the liner prior to splicing.
- Make sure the tape is applied in a dust free environment.

Our technical center is always at your disposal for special application requests.
Please contact us to make an appointment.

Precautions

All products manufactured by NITTO EUROPE NV are guaranteed to be free from defect at the time of shipping when tested according to NITTO EUROPE NV product specifications. Properties of the products are susceptible to change due to various influences such as composition and condition of the substrate, impurities in or on the substrate, temperature and humidity of storage and the surrounding environment during application etc. When the NITTO product is used in combination with other material, the user shall assure by his own tests the compatibility of the NITTO product in the resulting combination and whether the combination results in the expected performance.

Packaging and storage

The product should be protected against direct sunlight and extremes in temperature and humidity and stored upright in its original packaging. Once removed from its packaging, it should be protected against dust and other impurities.

Test methods and results

The properties of these products are determined in accordance with NITTO test methods. Detailed description of these methods are available on request. The above figures are average values, established to our best knowledge, but not to be used for specification purpose.

Edition: April 2002
DS/01.02/E1 595B ENG



NITTO

For your local NITTO office, please visit our web site:

www.nittoeurope.com