

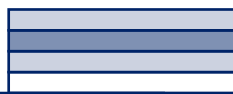
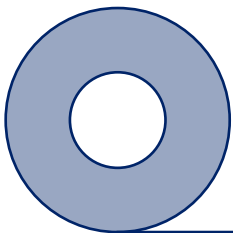
Product: **5033X**

Product group: **Bonding & Joining**

### General description

Nitto double coated tape 5033X consist of a non-woven tissue carrier, coated with a light and ageing resistant pressure sensitive acrylic adhesive. Mainly used for splicing operations in the cardboard and paper industry.

### Construction



- Transparent acrylic adhesive
- Carrier: Non-woven tissue
- Transparent acrylic adhesive
- Release liner: Brown siliconised glassine paper

### Characteristics

Nitto 5033X is a DC-splicing tape with a very high adhesion, high tack and splice efficiency (>200m/min). The tape has a high shear resistance (recommended for splicing on corrugators), high repulsion resistance and good temperature resistance. The DC-splicing tape is suitable for all paper types (different surfaces, low and high grammage, 100% recycled papers, ...) used in corrugated board production.

### Application

Manual splice on slitter / winder. Automatic splice on corrugator splicers.  
General foam lamination applications (e.g. automotive related) where cohesion requirements are within the practical limitations of the product.

### Features

- very high adhesion
- high tack and splice efficiency
- high shear resistance
- good heat resistance
- high repulsion resistance
- suitable for all paper types used in corrugated board production

## Technical Properties

### General physical properties

	Test method	
Adhesive type	Transparent acrylic adhesive	
Tape thickness*	0.130 mm	NITTO 01B
Release liner type / colour	Siliconised brown paper	
Release liner thickness / weight	0.08 mm / 90 g/m <sup>2</sup>	NITTO 01G
Carrier type	Non-woven	
Release value	15 cN/50mm	NITTO 36A
Adhesion to stainless steel	S1: 1130 cN/20 mm	NITTO 15A

\* tape thickness = total tape thickness without liner

### Performance properties

	Test Method	
Heat resistance	150 °C	
Shear value	500 N/4 cm <sup>2</sup>	NITTO 73A
Splicing tack (Scale: R9411=10)	5	

### 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.

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.

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Nitto Europe NV has obtained following certificates:

