

Technical Properties

General physical properties

		Test method
Adhesive type	Pure acrylic	
Tape thickness*	0.100 mm	NITTO 01B
Release liner 1 Type	White PE laminated paper	
Thickness / weight	0.100 mm / 105 g/m ²	NITTO 01G
Release value	18.5 cN/50mm	NITTO 36A
Release liner 2 Type	Brown PE laminated paper	
Thickness / weight	0.100 mm / 105 g/m ²	NITTO 01G
Release value	35.2 cN/50 mm	NITTO 36A
Carrier type	Transparent polyester, 0.120 mm	
Adhesion to stainless steel	25 °C 6.0 N/cm	NITTO 15A
	55 °C 4.3 N/cm	
	85 °C 4.1 N/cm	
	105 °C 5.4 N/cm	

* tape thickness = total tape thickness without liner

Performance properties

		Test method
Static shear (BA)	0.5 mm	FINAT 8
Dynamic shear (BA/PET) 25 °C	161 N/cm ²	FINAT 18
	55 °C 100 N/cm ²	
	85 °C 70 N/cm ²	
	105 °C 42 N/cm ²	

Application guidelines

- The surface to be bonded must be clean i.e. free of dust, release agents, processing oils and grease.
- The temperature of the application should not be below the dew point of the surrounding air. The warmer the tape the better the adhesive will wet out and consequently the higher the immediate adhesion will be.
- To ensure optimal anchorage of the tape to the foam attention should be paid to the lamination pressure, temperature and time.

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:

