

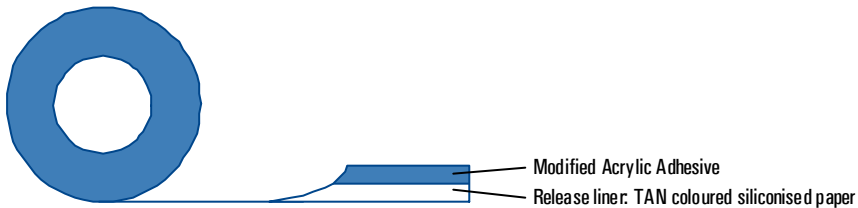
Product group **Bonding & Joining**

Product **5015T**

General description

Nitto 5015T transfer tape consists of a pressure sensitive modified acrylic adhesive, intended for use as a general mounting tape where a particular high adhesion level on low surface energy substrates is required.

Construction



Characteristics

Nitto 5015T is a modified acrylic adhesive which combines high repulsion resistance with an high adhesion level on low surface energy substrates.

Application

Nitto 5015T transfer tape is used as a foam lamination tape in automotive and building applications where the adhesive is exposed to severe stresses.

Features

- high adhesion on difficult to adhere materials (low surface energy)
- high repulsion resistance
- wide range of working temperature
- high cohesion

Technical Properties

General physical properties

		Test method
Adhesive type	Modified acrylic	
Tape thickness*	0.08 mm	NITTO 01E
Release liner type / colour	Siliconised TAN coloured paper	
Release liner thickness	0.107 mm	NITTO 01G
Carrier type	Transfer	
Unwind force	10 cN/50 mm	NITTO 35A
Release value	35 cN/50 mm	NITTO 36A
Adhesion to stainless steel	1300 cN/20 mm	NITTO 15A
Creep on BA-steel	3 mm	NITTO 62A

* tape thickness = total tape thickness without liner

Performance properties

Adhesion		(test method: NITTO 15A)				
	2B steel	PC	PVC	PMMA	PET	PP
cN/20 mm	1400	1200	1600	1500	1100	1000

Cohesion	
Hanging foam test	24h
Temperature resistance on foam	175° C

WAPO	
PP	17 mm
ABS	23 mm
BA steel	5 mm

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 tape to 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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