

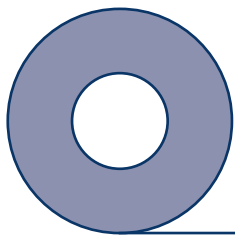
Product: **D5952**

Productgroup: **Bonding & Joining**

## General description

Nitto D5952 is a transfer tape consisting of a pressure sensitive modified acrylic adhesive, intended for use as a general mounting tape where a particular high adhesion level is required.

## Construction



- Modified acrylic adhesive  
- Release liner: Siliconised brown paper

## Characteristics

The very high initial adhesion allows easy and instant lamination to different foams as well as a variety of other substrates. A good repulsion resistance in combination of high temperature resistance allows the product to be used under severe application conditions.

## Application

Nitto D5952 is used for general assembly, in particular all varieties of foams in automotive, building and construction and domestic appliance markets .

## Features

- very high initial adhesion
- very high adhesion on a variety of substrates
- very good repulsion resistance
- very high temperature resistance

## Technical Properties

### General physical properties

		Test method
Adhesive type	Modified acrylic	
Tape thickness*	0.08 mm	NITTO 01E
Release liner type / colour	Siliconised brown paper	
Release liner thickness / weight	0.080 mm - 90 g/m <sup>2</sup>	NITTO 01G
Carrier type	Transfer	
Unwind force	30 cN/50 mm	NITTO 35A
Release value	60 cN/50 mm	NITTO 38A
Adhesion to stainless steel	2100 cN/20 mm	NITTO 15A
Creep on BA steel	2 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	2100	2200	1600	2100	2000	1500
Cohesion						
Hanging foam test	20 h					
Temperature resistance on foam	175 °C					
WAPO (after 2hrs at 60° C)						
PP	35 mm					
ABS	48 mm					
BA steel	70 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 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:

