

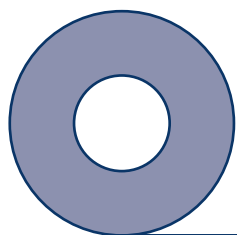
Product: **D9608**

Productgroup: **Bonding & Joining**

## General description

Nitto D9608 is a double-coated tape with a pure pressure sensitive acrylic based adhesive, coated on a white PET carrier of 50µ. A humidity stable liner covers the product. The product helps screen printers to reduce the printing operations.

## Construction



- Transparent modified acrylic adhesive
- Carrier: white polyester
- Transparent modified acrylic adhesive
- Liner: white PE-laminated paper

## Features

- no yellowing of the adhesive
- uniform coating
- high opacity
- good adhesion on plastics
- moisture stable liner

## Characteristics

The combination of the white PET carrier with the pure pressure sensitive acrylic adhesive provides the product the necessary opacity in order to reduce the amount of backprinting operations at screen printers. The pure character of the acrylic adhesive contributes to long term use of the product without yellowing.

## Application

Nitto D9608 is used on a wide variety of plastics to produce self adhesive labels and bond graphic overlays.

## Technical Properties

### General physical properties

		Test method
Adhesive type	Acrylic	
Tape thickness*	0.100 mm	NITTO 01B
Release liner type / colour	White PE-laminated paper	
Release liner thickness / weight	0.125 mm - 125 g/m <sup>2</sup>	NITTO O1G-05B
Carrier type	White polyester (0.050 mm)	
Unwind force	5 cN/50 mm	NITTO 35A
Release value	15 cN/50 mm	NITTO 37A
Adhesion to stainless steel	750 cN/20 mm	NITTO 15A
Creep on BA-steel	0 mm	NITTO 62A
Shear	180 N/4cm <sup>2</sup>	NITTO 73A (BA steel)

\* tape thickness = total tape thickness without liner

### Performance properties

Adhesion		(test method NITTO 15A)				
	2B steel	PC	PVC	PMMA	PET	PP
cN/20 mm	700	700	700	700	350	650
Cohesion						
20 mm x 20 mm / 1 kg / 4 h / 23 °C			0 mm			
20 mm x 20 mm / 0.5 kg / 4 h / 70 °C			0.5 mm			
Heat resistance			175 °C			
WAPO						
PP		5 mm				
ABS		0 mm				
Other		(test method NITTO 15A)				
Opacity		0.85				

### 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.

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:

