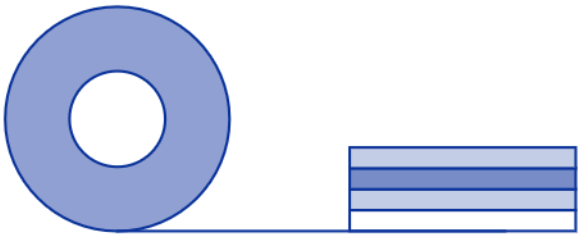
Product:	**D9605 series**
Product group:	**Double Coated Tapes**

General description

Nitto D9605 series are double-coated tapes with a polyester carrier coated with an aggressive acrylic adhesive used for mounting of different types of plastics.

Construction



- Modified acrylic adhesive
- Polyester carrier
- Modified acrylic adhesive
- Release liner

Features

- high adhesion on different substrates & rough surfaces
- high temperature resistance
- high holding power
- easy processing
- bobbin shape
- RoHS compliant

Characteristics

D9605 series are heavy duty multi-purpose double-coated tapes with a high adhesion level on different substrates such as plastics, foams and metals. The tapes are suitable for rough surface bonding.

The PET carrier provides dimensional stability resulting in reduced elongation and shrinkage.

D9605 series are available in bobbin shape.

Application

Nitto D9605 series are used for mounting decorative profiles in furniture industry (trim mounting), cable ducts. Available in bobbin shapes designed for continuous application process.

Suitable for mounting price information holders and plastic parts in sign & nameplate markets for marketing devices (Point Of Sales).

Edition: September 2013

Technical Properties

General physical properties

	Typical Value	Test Method
Adhesive type	Modified acrylic adhesive	
Tape thickness*	0.220 mm	EN 1942
Release liner	D9605: Siliconised havana paper (90 g/m²)	
	D9605S: Siliconised white PE coated paper (125 g/m²)	
Carrier type	Polyester (0.050 mm)	
Adhesion to BA steel	2000 cN/20mm	EN 1939
Release value	30 cN/50mm	Nitto Europe Test Method
Static shear	1 mm/3h	EN 1943
Transport and storage conditions	Temperature 15 to 30°C	
	Relative humidity 40 to 75% RH	

* Tape thickness = Total thickness without liner
Details from the test methods are described on the customer product specification.

Performance properties

Adhesion in cN/20mm					EN 1939
PMMA	PC	ABS	PP	Glass	
2000	2300	1800	700	2300	
Weight Added Peel Off (WAPO)					**2 h at 60°C, width 20mm, 100g**
PP 16 mm/2h		ABS 13 mm/2h		BA 3 mm/2h	
Dynamic Shear		350 N/4cm²		Tested after 15 min., 300mm/min.	
Saft test (Shear Adhesion Failure Temperature) 185 °C				+0,5°C/min., 15x15mm, 200g	

Warranty

The product is guaranteed to be free from defect in material and workmanship at the time of delivery and will be suitable for use for a period of 6 months thereafter, subject to the conditions set out herein.

Application guidelines

- Keep the tape in its original packaging until use.
- For optimum results, an even rub down pressure must be applied to the taped area to create the best possible adhesion between tape and the substrates.
- Remove the liner prior to usage.
- The tape should be applied to clean and dry surfaces.
- The best application conditions are obtained at a temperature between 15 °C and 40 °C.

If you require additional information on technical properties and application as well as product sampling or testing, please contact your local Nitto sales office.

General conditions of use and precautions:
The properties of the product might be adversely affected by various elements such as composition, condition and surface of and impurities in or on the substrate, temperature and humidity during storage and the surrounding environment at and after application and time of exterior use.
When the product is used in combination with another material or process, the user shall assure the compatibility of the product in such combination and whether this combination results in the expected performance. The same principle applies in the event of product use in extreme conditions or circumstances, whether at or after the moment of application, including extended exposure to sunlight or extreme temperatures and pressure.

Packaging, transport and storage:
During transport and storage the product should always be protected against direct sunlight and extremes in temperature and humidity and contained in its original packaging. Once removed from its packaging, it should be promptly applied and remain shielded from direct sunlight and extreme temperature as well as protected against dust and other impurities.

Liability:
Except for its wilful misconduct, Nitto Belgium's liability shall be limited to a replacement, a reimbursement or an additional delivery of the product, and shall not exceed the purchase price of the products. In no event shall Nitto be liable in respect of any indirect or consequential damages, including loss of profits.
The above limitations of liability shall equally apply if Nitto Belgium has assisted in any manner with the selection, treatment or application of the product.

Product information:
This datasheet provides a general description of the product properties and application scope. Full technical details in connection with this product are presented in the customer product specification, which is available upon request.

Please be advised that the information reflected in this datasheet is subject to change and the product described herein may be modified or discontinued without notice.

Edition: September 2013
Code: DS/01.11/E4 D9605 series ENG
This datasheet replaces all previous versions

Nitto Belgium NV has obtained following certificates:

- ISO 9001
- ISO 14001
- ISO/TS 16949

Please check our website for applicable scope

Nitto

For your local Nitto sales office, please visit our web site:
www.nitto.com

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