

DuploCOLL® 97711.4 AP

Double-sided pressure sensitive adhesive mounting tape with a modified acrylic adhesive and a compressible foam carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	PE film	yellow	approx. 0,10
Adhesive covered side	Modified acrylic		
Carrier	Polyethylene foam	black	approx. 1,10
Adhesive open side	Modified acrylic		
Total thickness:			approx. 1,20

Product advantages

- High initial adhesion (tack)
- High shear strength
- Good resistance to ageing and weathering
- Suitable for bonding of low surface energy surfaces like Polyethylene and Polypropylene
- DuploCOLL® AP with its compressible foam carrier is better in compensating component tolerances than hard foamed systems.
- Due to the black colour the tape is almost invisible in the application.
- Good sealing properties due to the closed cell structure of the PE foam
- Good processability due to dimensionally stable construction

Main application fields

- Permanent bonding of plastic-plastic add-on parts in the automotive industry

Specific technical data*

Temperature range	-40°C to +90 °C
Flammability according to FMVSS 302** on a 2 mm aluminum plate	Fulfilled

* Specific test results, statistically not approved.

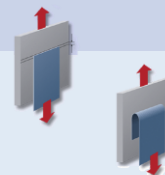
** Flammability behavior must be tested on the particular substrates.

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Technical Data

Shear strength	on stainless steel at +23 °C +/- 2°C	70 N/625 mm²
Peel strength 90°	on stainless steel at +23 °C +/- 2°C	≥ 60 N/25 mm



Application

Recommended application temperature	18 °C to 35 °C
Application guidelines	www.lohmann-tapes.com

Storage

Adhesive tapes should be stored at room temperature and normal humidity (50-70 %).
The storage stability is one year after delivery.

Product presentation

Converted product	Rolls			Spools		
Width [mm]	> 6	> 12		on request		
Length [m]	50	100/200				
Max. log width: 1260 mm	Other dimensions, die-cuts and sheets on request.					

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

IMPORTANT NOTE

The physical characteristics contained in this data sheet represent typical or average values. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. Many factors beyond our control and uniquely within buyer's knowledge and control can affect the use and performance of our tape in a particular application. EXCEPT AS EXPRESSIVELY AGREED IN WRITING WE DO NOT TAKE OVER ANY WARRANTY OR LIABILITY FOR THE SUITABILITY OR USABILITY OF OUR TAPES FOR CERTAIN PURPOSES AND APPLICATIONS RESULTING FROM BUYER'S SPECIAL USAGE OF THE TAPES. EXCEPT WHERE PROVIDED BY MANDATORY LEGAL PROVISIONS, WE WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT MATERIAL OR IMMATERIAL LOSSES OR DAMAGES ARISING FROM THE USAGE OR APPLICATION OF OUR TAPES. Solely the buyer is responsible for determining the suitability of the specific tape for its use in connection with his method of application. Please consult our Technical Applications Department for specific advice.

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