

# DuploCOLL® 97715.4 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                 | Polyethylene film | yellow | approx. 0,10   |
| Adhesive covered side | Modified acrylic  |        |                |
| Carrier               | Polyethylene foam | black  | approx. 1,50   |
| Adhesive open side    | Modified acrylic  |        |                |
| Total thickness:      |                   |        | approx. 1,60   |

## 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** |
|-------------------|-------------------|

\* Specific test results, statistically not approved.

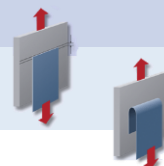
\*\* Reached temperature in a rising heat test.

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## Technical Data

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



## Application

|                                            |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| <b>Recommended application temperature</b> | 18 °C to 35 °C                                                   |
| <b>Application guidelines</b>              | <a href="http://www.lohmann-tapes.com">www.lohmann-tapes.com</a> |

## 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     |  |  |
|--------------------------------|---------------------------------------------------|---------|--|------------|--|--|
| <b>Width [mm]</b>              | > 6                                               | > 12    |  | on request |  |  |
| <b>Length [m]</b>              | 50                                                | 100/200 |  |            |  |  |
| <b>Max. log width: 1260 mm</b> | 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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