

When creating a preliminary data sheet, there are not yet enough measured values and/or production runs available to determine statistically validated average/limit values. In individual cases, production repeatability is not yet ensured.

## DuploCOLL® 90815.5 NP

**Double-sided adhesive foam tape with a special developed high performance adhesive for BMW paint systems**

| Product construction  |                           |        |                |
|-----------------------|---------------------------|--------|----------------|
|                       | Name                      | Colour | Thickness [mm] |
| Liner                 | Siliconized paper         | white  | approx. 0,08   |
| Adhesive covered side | High performance adhesive |        |                |
| Carrier               | Polyethylene foam         | black  | approx. 1,50   |
| Adhesive open side    | Pure acrylic              |        |                |
| Total thickness:      |                           |        | approx. 1,58   |

### Product advantages

- The specially developed high performance adhesive is characterized by an excellent final adhesion, also on dirt-repellent and scratch-proof coating systems and outstanding shear strength; furthermore the adhesive shows good results after established ageing tests.
- The pure acrylic adhesive on the open side is characterized by very good temperature resistance. The adhesive has an adequate initial and very good final adhesion.
- Good ageing- and weathering resistance
- **DuploCOLL® NP** is able to compensate component tolerances with its permanently flexible and compressible foam carrier.

### Main application fields

- Permanent bonding of exterior parts on BMW clear coat according to category 2, 3 or 4 of GS 97109:2024-02 such as emblems & letterings, kickplates, water management elements, windscreen cover and PDC sensors.

### Specific technical data\*

|                   |                    |
|-------------------|--------------------|
| Temperature range | -40 °C to +95 °C** |
|-------------------|--------------------|

\* Specific test results, statistically not approved.

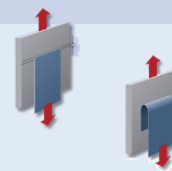
\*\* Temperature range in climatic tests

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## Technical Data

|                           |                                      |              |              |
|---------------------------|--------------------------------------|--------------|--------------|
| <b>Shear strength</b>     | on stainless steel at +23 °C +/- 2°C | open side    | 80 N/625 mm² |
|                           |                                      | covered side | 60 N/625 mm² |
| <b>Peel strength 180°</b> | on stainless steel at +23 °C +/- 2°C | open side    | 20 N/25 mm   |
|                           |                                      | covered side | 80 N/25 mm   |



## Application

**Recommended application temperature** 18 °C to 35 °C

**Application guidelines** [www.lohmann-tapes.com](http://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 |  |  |
|--------------------------------|---------------------------------------------------|--|--|--------|--|--|
| <b>Width [mm]</b>              |                                                   |  |  |        |  |  |
| <b>Length [m]</b>              |                                                   |  |  |        |  |  |
| <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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