

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® 91105.5 NP

**Double-sided adhesive foam tape with a special developed high performance adhesive for new 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. 0,50   |
| Adhesive open side    | High performance adhesive |        |                |
| Total thickness:      |                           |        | approx. 0,58   |

| Product advantages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>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.</li> <li>The adhesive shows consistent results after established ageing tests in the automotive industry (heat, humidity, cold, etc.).</li> <li>DuploCOLL® NP with its compressible foam carrier is better in compensating component tolerances than hard foamed systems.</li> </ul> |

| Main application fields                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Permanent bonding of exterior parts, e.g. trim parts, door covers, wheel house covers, door sill panels or moldings, emblems and letterings</li> </ul> |

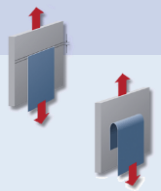
| Specific technical data* |                     |
|--------------------------|---------------------|
| Temperature range        | -40 °C to +100 °C** |

\* Specific test results, statistically not approved.

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

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| Technical Data     |                                       |                           |  |
|--------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------|
| Shear strength     | on stainless steel at +23 °C +/- 2 °C | 120 N/625 mm <sup>2</sup> |                                                                                     |
| Peel strength 180° | on stainless steel at +23 °C +/- 2 °C | ≥ 40 N/25 mm              |                                                                                     |

| Application                         |                                                                  |
|-------------------------------------|------------------------------------------------------------------|
| Recommended application temperature | 18 °C to 35 °C                                                   |
| Application guidelines              | <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 %).<br>The storage stability is one year after delivery. |

| Product presentation    |            |  |  |        |  |
|-------------------------|------------|--|--|--------|--|
| Converted product       | Rolls      |  |  | Spools |  |
| Width [mm]              |            |  |  |        |  |
| Length [m]              |            |  |  |        |  |
| Max. log width: 1260 mm | 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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