

DuploCOLL® 9301 FN

Art. No. 11 00 52

Double-sided adhesive mounting tape with a closed cell polyethylene copolymeric foam and high loading capacity

| Product construction | | | |
|-----------------------|--|--------|----------------|
| | Name | Colour | Thickness [mm] |
| Liner | Polyethylene film | yellow | approx. 0,13 |
| Adhesive covered side | Pure acrylic | | |
| Carrier | Polyethylene vinylacetate copolymeric foam | black | approx. 0,80 |
| Adhesive open side | Pure acrylic | | |
| Total thickness: | | | approx. 0,93 |

Product advantages

- Appropriate initial adhesion (tack), high final adhesion
- High resistance to temperature, ageing, UV-radiation and weathering
- Excellent resistance to solvents and plasticizers
- The compressible, permanently resilient foam carrier gives an extremely effective adhesion immediately after application even on rough and slightly uneven surfaces.
- DuploCOLL® 9301 FN absorbs vibration and compensates for different expansion coefficients of substrates that are joined.
- DuploCOLL® 9301 FN meets specifications in the automotive industry for interior and exterior applications; liner is silicone-free.
- High temperature stability.

Main application fields

- Permanent bonding of decorative and functional trims, nameplates, emblems, face plates, holder and extruded rubber profiles in the automotive industry.

| Product features | | Applicability on | |
|---|-------|--|-------|
| Initial adhesion | ● ● ○ | Foam | ○ ○ ○ |
| Final adhesion | ● ● ● | Rubber | ● ○ ○ |
| Dimensional stability | ● ○ ○ | Lacquer | ● ● ● |
| Adhesion on even surfaces | ● ● ● | Glass/Ceramics | ● ● ○ |
| Adhesion on rough surfaces | ● ○ ○ | Wood | ● ● ○ |
| Ageing resistance | ● ● ● | High energy plastics: PVC, PC, ABS,... | ● ● ● |
| Weathering resistance | ● ● ● | Low energy plastics: PE, PP,... | ● ● ○ |
| Chemical resistance | ● ● ● | Metal | ● ● ● |
| Resistance to plasticizers | ● ● ● | Paper/Cardboard | ● ● ○ |
| ● ● ● very suitable ● ● ○ suitable ● ○ ○ suitable with reductions ○ ○ ○ not suitable | | | |

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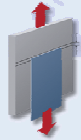
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Specific technical data*

| | |
|---------------------------------|-------------------------------|
| Temperature range | -40 °C to +125 °C |
| Resistance to cold shock | no loss of adhesion at -40 °C |
| Meets specification | GM TM 5907 00 |

* Specific test results, statistically not approved.

Technical Data

| | | | |
|-------------------------------|---|------------------------------------|---|
| Dynamic shear strength | According to LOHMANN specification 0401, at +23 °C after storage of the samples in isooctane toluene dilution | 115-300 N / 500 mm ² |  |
| Static shear strength | According to LOHMANN specification 0402 at +85 °C | > 30 min | |

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 two years after delivery.

Product presentation

| Converted product | Rolls | | | Spools | | |
|--------------------------------|---|-----|--|--------|-------|-------|
| Width [mm] | > 5 | > 9 | | 6-9 | 10-12 | 13-14 |
| Length [m] | 50 | 100 | | 750 | 660 | 550 |
| 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.

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

Date of issue: September 2011

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Concerning product safety (confirmation, conformity to guidelines, REACH, etc.) please use the following
E-mail address: products.safety@lohmann-tapes.com

