

DuploCOLL® 1120 N

Solvent-free, environmentally friendly double-sided pressure sensitive adhesive tape with a scrim carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	natural	approx. 0,10
Adhesive covered side	Dispersion acrylic		
Carrier	Silk mesh netting		approx. 0,23
Adhesive open side	Dispersion acrylic		
Total thickness:			approx. 0,33

Product advantages

- Plasticizer-free polymer dispersion with very high bonding strength even at low temperatures and on rough surfaces
- Long-term stability against ageing
- UV resistance according to LKG PM_131
- Low water sensitivity
- The silk mesh netting reinforces and stabilises flexible materials such as foams

Main application fields

- Suitable for tension-free bonding on all rough and flexible substrates
- Self-adhesive preparation of felts, soft and solid foams, rubber profiles, EPDM
- Bonding polyolefinic plastics such as polyethylene and polypropylene on rough surfaces such as unplanned wood, concrete, brick and other mineral materials
- Fastening very rough carpet on skirting boards and mounting wall base mouldings

Product features

Applicability on

Initial adhesion	● ● ●	Foam	● ● ●
Final adhesion	● ● ○	Rubber	● ● ○
Dimensional stability	● ○ ○	Fabric	● ● ●
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

Specific technical data*

Temperature range -40 °C to +80 °C

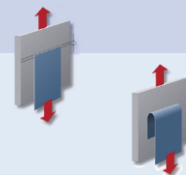
* Specific test results, statistically not approved.

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Technical Data

Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2 °C	5 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2 °C	35 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
Width [mm]	12
Length [m]	50
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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