

# Unilok®

Art. No. 11 511 G 02

## Solvent-free, environmentally friendly double-sided adhesive tape with special paper carrier

Product construction			
	Name	Colour	Thickness [mm]
<b>Liner</b>	Silicone paper	yellow	approx. 0,08
<b>Adhesive closed side</b>	Dispersion acrylic		approx. 0,15
<b>Carrier</b>	Special paper	white	
<b>Adhesive open side</b>	Dispersion acrylic		
<b>Total thickness:</b>			<b>approx. 0,23</b>

### Product advantages

- Excellent initial adhesion (tack) and cohesion
- Good resistance to ageing and UV-radiation
- The outstanding viscoelastic adhesive formulation makes it particularly suitable for coarse-pored material surfaces.

### Main application fields

- Self-adhesive preparation of plastics, metal, paper, ceramics, textile, foam and felt
- Used in the manufacture of carpet trims

Product features		Applicability on	
Initial adhesion (tack)	● ● ●	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\*

Rising heat test at a steel-PET-bonding, beginning at 30 °C, increasing temperature every 10 min. by 10 °C

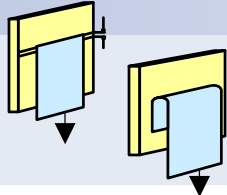
50 °C

\* Specific test results, statistically not approved.

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Technical Data		
<b>Shear strength</b>	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	9 N/625 mm <sup>2</sup>
<b>Peel strength</b>	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	30 N/25 mm
<b>Temperature range</b>		-40 °C to +120 °C



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			
<b>Converted product</b>	Rolls		
<b>Width [mm]</b>	> 6	> 10	> 19
<b>Length [m]</b>	50	100	200
<b>Max. log width: 1500 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.			

Variants	Unilok® 100		
	Name	Thickness [mm]	
<b>Liner</b>	Silicone paper yellow	0,08	
<b>Adhesive covered side</b>	Dispersion acrylic	0,10	

The physical characteristics contained in our data sheets represent typical or average values. They have no statistical relevance 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.

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