THE SUSTAINABLE & REUSABLE PLATE MOUNTING SOLUTION

tesa Twinlock® – the Self-Adhesive & Compressible Sleeve

TWINLOCK SELF-ADHESIVE SLEEVES by tesa

THE SUSTAINABLE FLEXO PLATE MOUNTING SOLUTION

For High Quality and Consistent Printing

The concept of tesa Twinock® is simple; a self-adhesive and compressible sleeve to mount your flexo printing plates.

The foundation of tesa Twinlock® is a base printing sleeve or cylinder that is coated with a layer of poly-urethane (PU) foam. The PU foam is comprised of an open cell structure, and provides reliable, consistent, and long-term print quality. The open cell structure is a key feature as it effectively absorbs bouncing effects, and thus, requires little on-press adjustments.

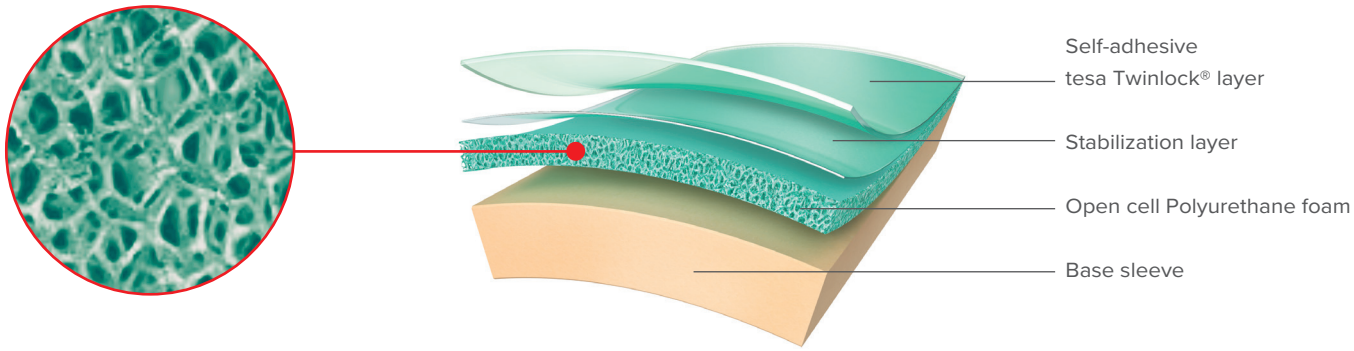
On top of the PU foam layer, the unique tesa Twinlock® adhesive coating is applied. This is a specially treated polymer that has been created in a way that it can remain tacky and permanently maintain its adhesion properties. Through a careful cleaning process it is ready for an endless amount of usages. This combination of adhesive and open cell foam makes tesa Twinlock® a worldwide, unique technology.

Four Varieties – Three Hardnesses to Print Every Job in Flexo

	Foam	Color code	Print motif
tesa Twinlock® by Soft Sleeve	Polyurethane	White	
tesa Twinlock® Medium Sleeve	Polyurethane	Green Blue	
tesa Twinlock® Hard Sleeve	Polyurethane	Black	

85 % of the printers using tesa Twinlock®, use the medium hardness. The other 15% is equally divided between the soft and the hard PU foam hardness.

Perfect Combination of Costs, Quality & Sustainibility

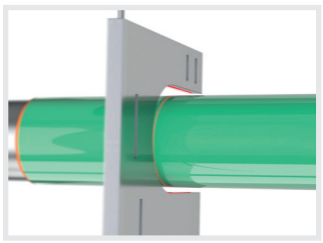


The Polyurethane Foam Provides Compressibility

Due to the open cell structure of the PU foam it always fully recovers after impression in the printing press.

tesa Twinlock® – Unique Quality Control

Every sleeve is measured by laser during and at the end of the production process. The Outside diameter of each sleeve is close to perfect. Sleeve to sleeve over and over again.



- Tolerance of a Twinlock sleeve is +/- 2/100mm.
- By producing Twinlock on every 1/100mm we can “Tailor make” each sleeve.

Benefits of tesa Twinlock®

Cost savings and time savings in the mounting department.

Consistent print results due to open cell structure of the tesa Twinlock® PU Foam.

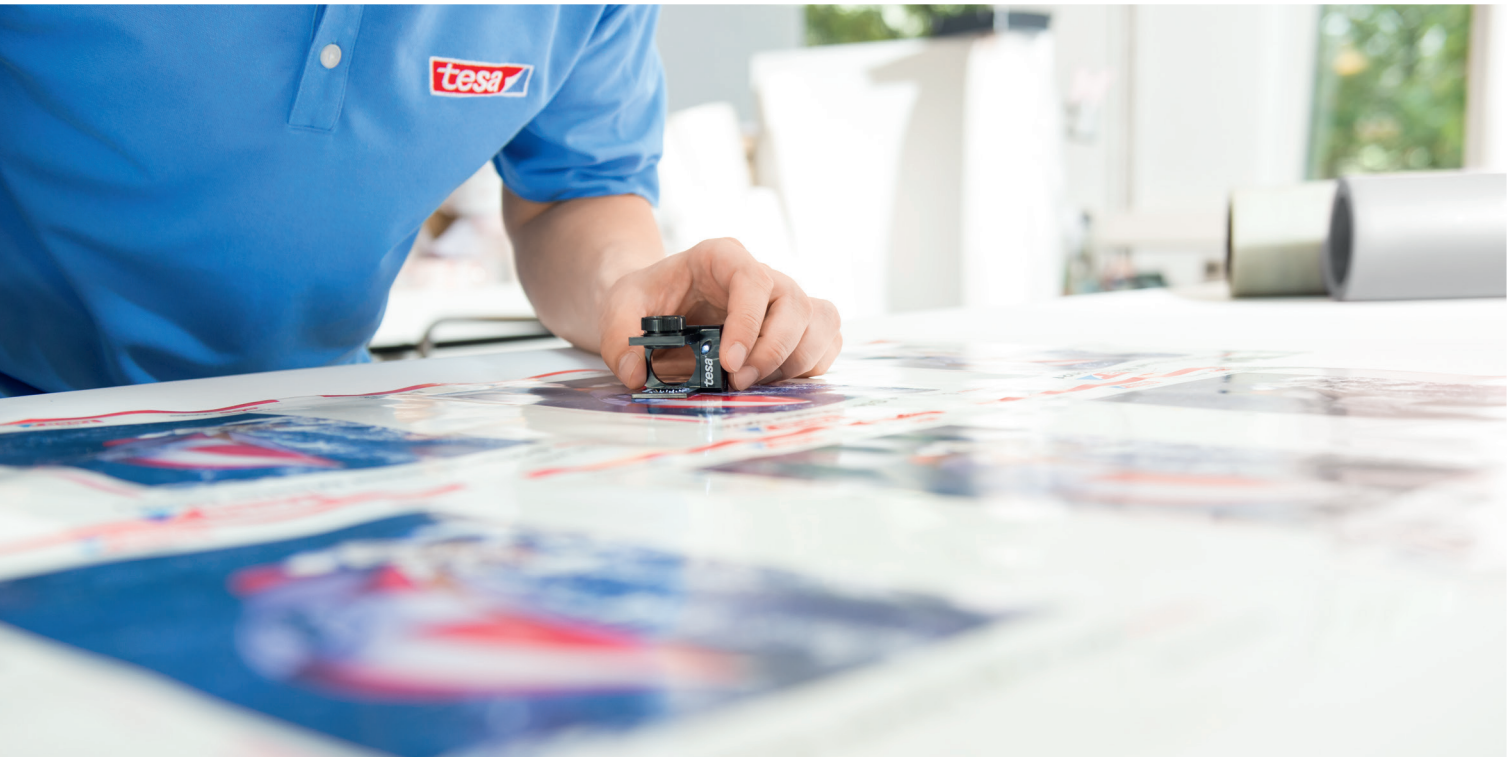
The adhesion of the tesa Twinlock® is permanent meaning that you can mount plates over and over again without end.

The sustainable & reusable plate mounting solution that significantly improves your Carbon footprint.

ROI after 25 times of usage.

Full HD Certified
Receiving this Full HD certificate acknowledges that we are performing among the best in our field. With our tesa Twinlock® self-adhesive sleeve you can accomplish exceptional print results including smoother and sharper images.

Award Winning Product
tesa Twinlock® won the Flexographic Technical Innovation award. The award was given by the FTA (Flexographic Technical Association). This award was a great achievement especially when received from such a well known and professional organisation. The development of tesa Twinlock® could only have taken place with the help and input of many printers in the industry.



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Our management system is certified according to the standards ISO 9001, ISO 14001, and ISO/TS 16949.

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