



tesa® 52307

Product Information



For the mounting of very thin photopolymer plates on compressible sleeves

Product Description

tesa® 52307 is specially designed for the mounting of very thin photopolymer plates (0.76mm [0.030"] or 1.14mm [0.045"]) on compressible foam sleeves in wide-web flexographic printing.

This plate mounting solution has significantly different adhesion levels on the two tape sides. As a result, the open-side adhesion is high enough to promote a secure bond to the rough surface of the compressible sleeve, while the tailored adhesion on the plate side provides an exact and stable positioning of the plate without any moving and edge lifting during the print run.

tesa® 52307 remains secure while demounting thin plates from compressible sleeves and can be removed afterwards easily and without residues.

Due to the different compressible coatings that are available on the market (rubber, foam, PU) it is recommended to make individual application tests with tesa® 52307 before entering full production.

Product Features

- While the sleeve side adhesive ensures a secure bond to the sleeve, the plate side adhesive is especially tailored for the bond to very thin photopolymer plates.
- The bond is high enough to secure the plate for a stable printing process, while at the same time allowing for easy removal of the plate without any plate damage.
- The specially developed liner provides an ideal solution for tape handling also when applying across very wide sleeves.
- It is a double-sided tape with highly differentiated adhesion levels on its two sides.
- All of our products for plate mounting on compressible sleeves feature very thin film backings to not interfere with the compressible characteristics of the sleeve.

Application Fields

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Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------|-----------------|----------|
| • Backing material | PVC film | • Type of liner | glassine |
| • Type of adhesive | acrylic | | |

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Properties/Performance Values

- Thickness category 70

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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