



tesa® 58323

Product Information



Product Description

tesa® 58323 uses special tackified acrylic adhesive system which has excellent conformability for demanding mounting application, ideal for FPC mounting applications.

The acrylic adhesive gives this product a high bonding power and peel strength. The highly comfortable non-woven backing offers excellent converting performance with limited edge picking. The glassine liner ensures it can be easily released without adhesive residue.

The FPC mounting applications is also widely used in the new energy car battery system. tesa® 58323 can meet the strict automotive environmental and long-term durability requirement.

Key features of tesa® 58323:

- *High holding power and peel strength
- *High long-term reliability and aging resistance
- *Good repulsion resistance
- *High conformability for uneven surfaces
- *Conforming to RoHS
- *Halogen-free

Application Fields

Mounting FPC when it is introduced as a replacement of low-voltage wire harnessing in EV battery system.

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 | non-woven | • Color | translucent |
| • Type of adhesive | tackified acrylic | • Color of liner | white/red logo |
| • Type of liner | glassine | • Thickness of liner | 71 µm |
| • Total thickness | 75 µm | • Weight of liner | 82 g/m ² |

Properties/Performance Values

| | |
|------------------------------------|--------|
| • Temperature resistance long term | 125 °C |
|------------------------------------|--------|

Adhesion to Values

| | | | |
|---------------------|--------|------------------------|----------|
| • PC (after 3 days) | 8 N/cm | • PP (after 3 days) | 5.9 N/cm |
| • PI (after 3 days) | 7 N/cm | • Steel (after 3 days) | 7.7 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=58323>



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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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