



RELIABLE BONDING AND LAMINATING SOLUTIONS

An Overview of Our New Transfer Tape Assortment

LIGHTWEIGHT, FLEXIBLE, AND STRONG

tesa® Tapes for Laminating, Converting, Bonding, and Mounting

As one of the world's leading manufacturers of adhesive tapes and related solutions, tesa has developed a comprehensive assortment of tapes without backing. The new transfer tapes are lightweight, flexible, and subtle, yet still provide a high level of adhesion. They are suitable for applications like leather fabrication, label mounting, foam lamination, or sign fixation, and are sure to optimize the efficiency of your company's operations. For applications that require more stability, we also offer you scrim reinforced transfer tapes in different thicknesses.

At tesa, we are well aware of the growing importance of developing products that are better for the environment. Throughout this assortment, you will find tapes with low levels of Volatile Organic Compounds (VOC) – in most cases, this product line utilizes a water-based acrylic adhesive. This is not only beneficial for the environment, but also for your staff and end users who come into contact with our products on a daily basis.

Product features

- Thin and flexible
- Easy to laminate
- Cost-efficient

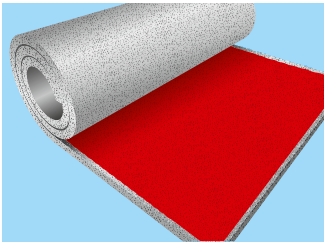
**LOW
VOC**

Benefits for the user

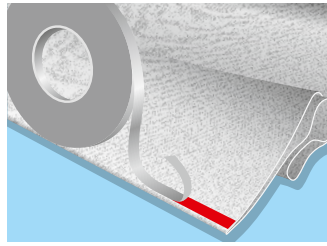
- Thin but strong products ensure an efficient converting and laminating process
- Reliably and consistently high product quality leads to a smooth production output
- Solvent-free production results in an environmentally friendly application process
- Our high service and delivery standards extend beyond the product itself



Ideal properties for many applications



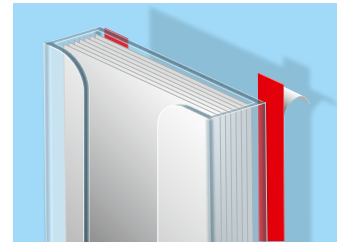
Foam lamination – Due to their thin and flexible structure and a large assortment of coating widths, tesa® transfer tapes are the ideal solution to laminate all kinds of foam materials.







Fabric and textile mounting – Our transfer tapes perfectly adapt to flexible and rough surfaces. By choosing the appropriate tape thickness, various levels of structured surfaces can easily be compensated for.

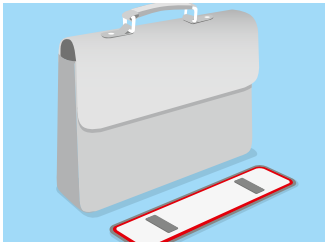


Lightweight mounting – Small and lightweight parts, even if they are transparent, can be mounted on many different surfaces. With our special transfer tape dispenser, manual application is smooth and effortless.



Mounting point-of-sale displays – Our transfer tapes provide solutions for the transparent mounting of many kinds of POS displays. We offer a special tape dispenser for smooth and effortless application.

| | Transfer tapes | | | |
|--|--|--|--|--|
| Technical properties | tesa® 88125/88150 | tesa® 88225/88250 | tesa® 52105/52110 | tesa® 4985 |
| Tape |  |  |  |  |
| Product description and application | <ul style="list-style-type: none"> • For lamination and converting applications • Conformable and transparent • Highly temperature- and shear-resistant • Water-based acrylic adhesive | <ul style="list-style-type: none"> • For lamination and converting applications • Conformable and transparent • Good performance on materials with low surface energy • Water-based acrylic adhesive | <ul style="list-style-type: none"> • For demanding lamination and converting applications (foam, fleece, felt) • Conformable and transparent • Low VOC, designed for automotive interior requirements • Water-based acrylic adhesive | <ul style="list-style-type: none"> • Good immediate grab to uneven surfaces • Transparent with excellent conformability • Good dispensing properties • Modified acrylic adhesive |
| Backing | None / None | None / None | None / None | None |
| Adhesive type | Water-based acrylic / Water-based acrylic | Water-based acrylic / Water-based acrylic | Water-based acrylic / Water-based acrylic | Tackified acrylic |
| Color | Transparent / Transparent | Transparent / Transparent | Transparent / Transparent | Transparent |
| Thickness without liner [µm] | 63 / 127 | 63 / 127 | 50 / 100 | 50 |
| Type of liner | Poly-coated paper / Poly-coated paper | Poly-coated paper / Poly-coated paper | Glassine / Glassine | Glassine |
| Color of liner | White/blue logo / White/blue logo | White/blue logo / White/blue logo | Yellow / Yellow | Brown |
| Thickness of liner [µm] | 106 / 106 | 106 / 106 | 80 | 71 |
| Ultimate peel adhesion on steel [N/cm] | 6.0 / 8.0 | 10.0 / 10.0 | 9.5 / 13.0 | 11.1 |
| Temperature resistance [°C] | -40 to 200 | -40 to 180 / -40 to 180 | -40 to 170 / -40 to 180 | Long-term: 80 / short-term: 200 |
| Available dimensions [m : mm] | 100 : 1,524 | 100 : 1,524 | 200 : 1,500 300 : 1,000 | 100 : 12/19/25/50/1,270 1,000 : 1,270 |



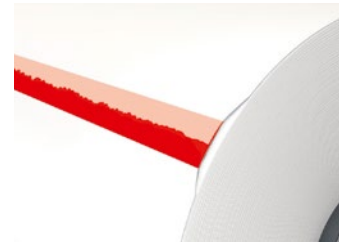
Prefixation in leather fabrication – With their smooth adhesion levels and flexible qualities, tesa® transfer tapes can easily be used for web prefixation before processing through to the end product.



Signage mounting – Transparent signs can be completely covered and mounted on different surfaces. tesa® transfer tapes show good resistance against yellowing and aging, resulting in a very high quality.



Membrane switch mounting – Our transfer tapes are the ideal solution to adhere extra-thin membrane switches on appliance devices. The tapes are very thin and flexible, and can easily be made into various die-cuts.



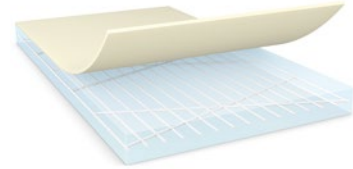
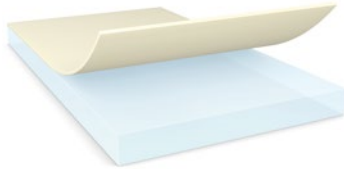
Splicing of paper and flexible, lightweight materials – As they are thin and flexible, tesa® transfer tapes are an excellent choice for the reliable and secure splicing of paper and other lightweight materials.

Reinforced transfer tapes

| tesa® 4900 | tesa® 68105 | tesa® 75107 | tesa® 66007/66013/66022 | tesa® 75007/75013 |
|--|--|---|--|---|
|  |  |  |  |  |
| <ul style="list-style-type: none"> • High initial tack • Transparent and ageing-resistant • Withstands elevated temperatures • Pure acrylic adhesive | <ul style="list-style-type: none"> • For demanding lamination applications • Transparent with excellent compatibility with (conductive) printing inks • Good dimensional stability for die-cutting due to moisture-resistant liner • Pure acrylic adhesive | <ul style="list-style-type: none"> • For demanding (automotive interior) lamination and mounting applications • Conformable • High humidity resistance and edge repulsion resistance • Tackified acrylic adhesive | <ul style="list-style-type: none"> • For standard lamination and mounting applications (foam, fleece, felt) • Conformable with low VOC, designed for automotive interior requirements • Reinforced by a PET scrim • Water-based acrylic adhesive | <ul style="list-style-type: none"> • For very demanding (automotive interior) lamination and mounting applications • Conformable with high humidity resistance and edge repulsion resistance • Reinforced by a PET scrim • Tackified acrylic adhesive |
| None | None | None | None / None / None | None / None |
| Acrylic | Pure acrylic | Modified acrylic | Water-based acrylic / Water-based acrylic / Water-based acrylic | Tackified acrylic / Tackified acrylic |
| Transparent | Transparent | Transparent | Transparent / Transparent / Transparent | Transparent / Transparent |
| 50 | 50 | 75 | 75 / 130 / 220 | 75 / 130 |
| Glassine | PET | Glassine | Glassine / Glassine / Glassine | Glassine / Glassine |
| Brown | Transparent | Yellow/blue logo | Brown/blue logo / Brown/blue logo / Brown/blue logo | Brown/blue logo / Brown/blue logo |
| 71 | 75 | 80 | 80 | 80 |
| 3.8 | 6.7 | 8.6 | 12.3 / 16.5 / 17.3 | 8.6 / 10.4 |
| Long-term: 80 / short-term: 200 | Long-term: 150 / short-term: 200 | -40 to 170 | -40 to 170 / -40 to 180 / -40 to 200 | -40 to 170 / -40 to 180 |
| 55 : 12/19/25/38/50 100 : 19/25/50/1,260 110 : 12/25/38 | 100 : 1,240 | 50 : 1,372 | 50 : 50 100 : 1,150 1,000 : 1,150 | 100 : 1,372 1,000 : 1,372 |

PRACTICAL EFFECTIVENESS

High Quality in Practice



Transfer tapes

Transfer tapes are double-sided tapes without any backing material, the tape consists only of adhesive and is therefore very flexible. These tapes are perfectly suited for the lamination of flexible materials (e.g. fabrics, foams, felts) and for the adhesion of lightweight objects.

Reinforced transfer tapes (scrim tapes)

Reinforced transfer tapes are double-sided tapes without a typical backing material, but reinforced with a PET scrim material, resulting in a more stable tape for more demanding applications. Our scrim tapes combine the high flexibility of a pure transfer tape with superior tear resistance.

| Product | Ultimate peel adhesion on steel [N/cm] | Temperature resistance | Shear resistance | Low VOC | Transparency | Die-cut ability/convertability* | UV resistance |
|-------------------------|--|------------------------|------------------|----------------|--------------|---------------------------------|---------------|
| tesa® 88125/88150 | 6.0/8.0 | ●●●/●●● | ●●●●/●●●● | ●●●●/●●●● | ●●●/●●● | ●● | ●●● |
| tesa® 88225/88250 | 10.0/10.0 | ●●●/●●● | ●●●●/●●●● | ●●●●/●●●● | ●●●/●●● | ●● | ●●● |
| tesa® 52105/52110 | 9.5/13.0 | ●●●/●●● | ●●/●● | ●●●●/●●●● | ●●●●/●●●● | ●● | ●●● |
| tesa® 4985 | 11.1 | ●●●● | ●●● | ●●● | ●●● | ●● | ●●● |
| tesa® 4900 | 3.8 | ●●●● | ●●● | ●●● | ●●● | ●● | ●●● |
| tesa® 68105 | 6.7 | ●●●● | ●●●● | ●●● | ●●●● | ●● | ●●● |
| tesa® 75107 | 8.6 | ●●●● | ●●● | ●●● | ●●●● | ●● | ●●● |
| tesa® 66007/66013/66022 | 12.3/16.5/17.3 | ●●/●●●/●● | ●●/●●●/●● | ●●●●/●●●●/●●●● | ●●/●●●/●● | ●● | ●●● |
| tesa® 75007/75013 | 8.6/10.4 | ●●/●● | ●●/●● | ●●●/●●● | ●●/●● | ●● | ●●● |

* very good (●●●●) when laminated to substrates

●●●● Very good ●●● Good ●● Medium ● Low



For the easy and convenient manual application, we offer you our transfer-tape dispenser 6040-00000-21

- Easy and convenient use for manual applications
- Suitable for all transfer tape solutions
- For widths from 10 mm up to 25 mm

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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.



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