

Development and Manufacturing Made Easier

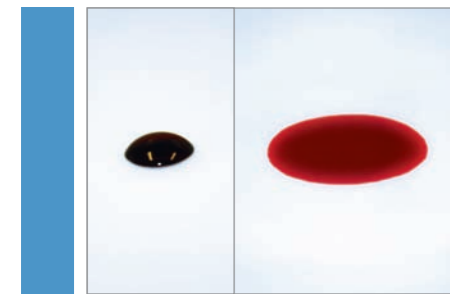
Customized Adhesives and Fluid Management Solutions for the IVD Industry
MODULAR PRODUCT ASSORTMENT



Our Products Meet Your Expectations

tesa® products especially designed for IVD applications meet highly demanding requirements regarding functionality and processability. Due to the careful selection of raw materials, tesa® tapes are distinguished by their excellent aging stability and compatibility with blood, enzymes, and a broad range of test assays. Our products are thoroughly tested to guarantee their reliable and stable properties.

tesa® IVD Tape Solutions



Hydrophilic Films

- Especially designed as a top tape for capillary cells within biosensors
- Ensures fast and reliable fluid flow even after aging
- Low contact angle for optimal wettability



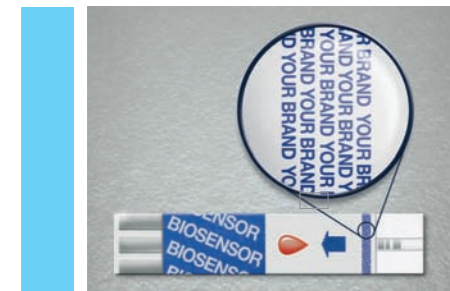
Spacer Tapes

- Especially designed for precise die-cutting of capillary cells
- Tight thickness tolerance
- Ooze-free adhesive
- Low emission, pure acrylic adhesive
- Minimal adhesive residues even after lengthy slitting and die-cutting processes



Lamination Tapes

- Broad range of adhesives offers excellent bonding to most substrates
- Excellent proven compatibility with blood and test strip chemistry
- Rolls with up to 10,000 meters for efficient production

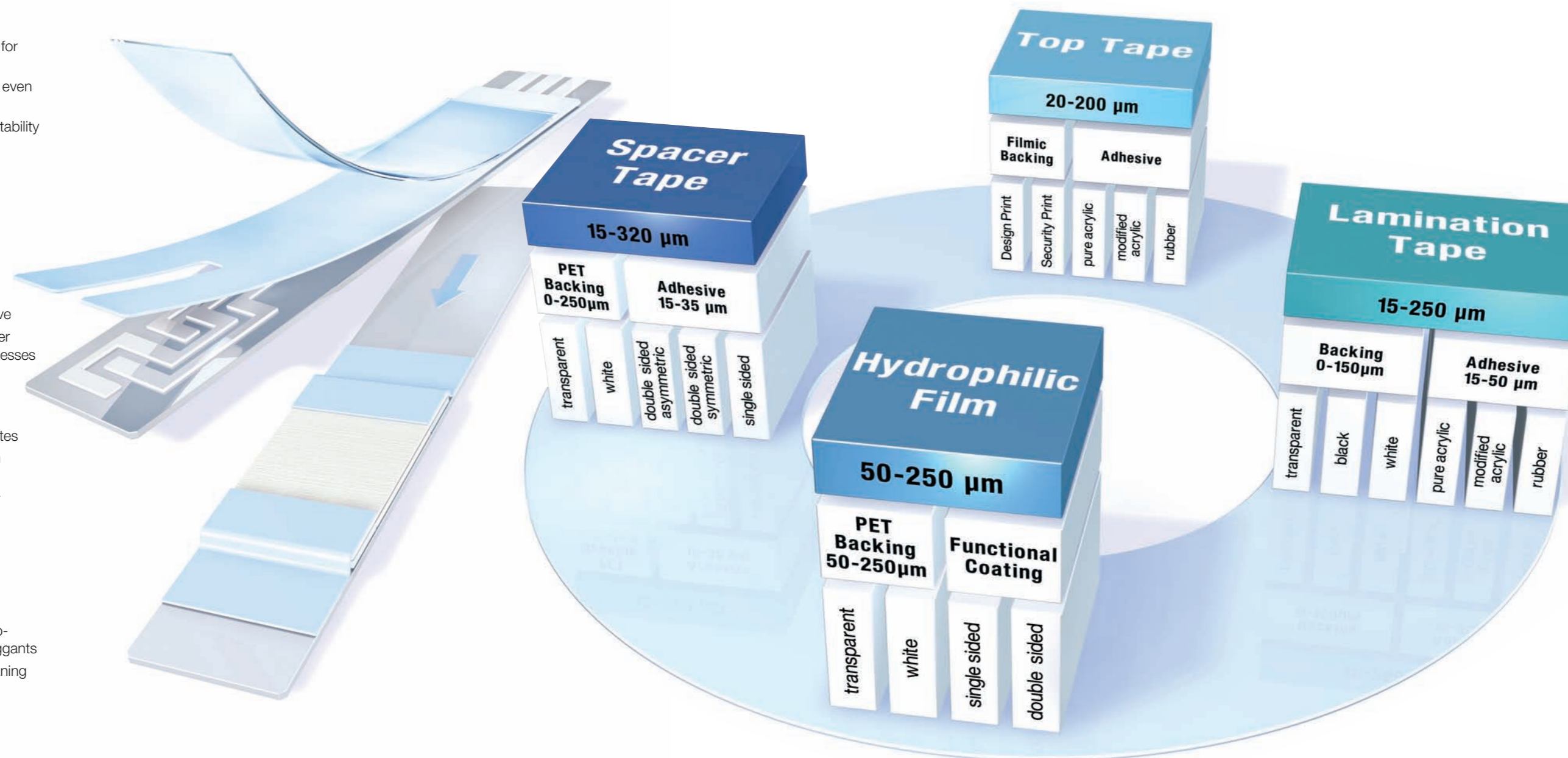


Top Tapes

- Printed with up to 8 colors
- Originality features based on micro-printing, security inks, or micro taggants
- Adhesive formulation reduces cleaning frequency during slitting

Our Modular Assortment Supports your Creativity

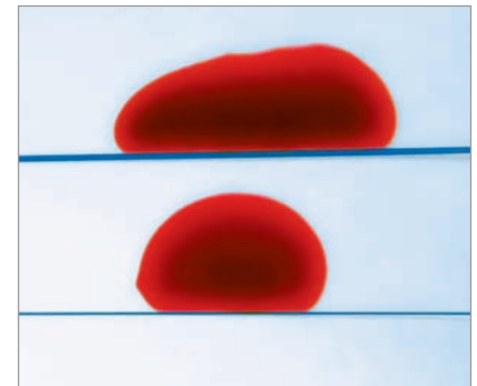
tesa's modular tape assortment allows you to select the very best solution by combining qualified standard components. You can choose the elements to that optimally match your target design and production process without compromise. Nearly any product design can be realized.



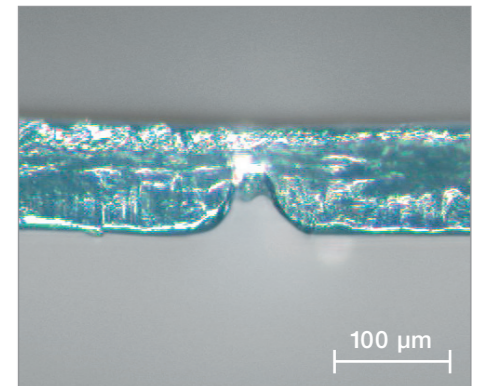
Our Multifunctional Products Make the Difference

tesa's multifunctional solutions for fluid management and venting as well as multi-laminates with very narrow tolerances offer huge advantages for your products and manufacturing processes – the difference for your success.

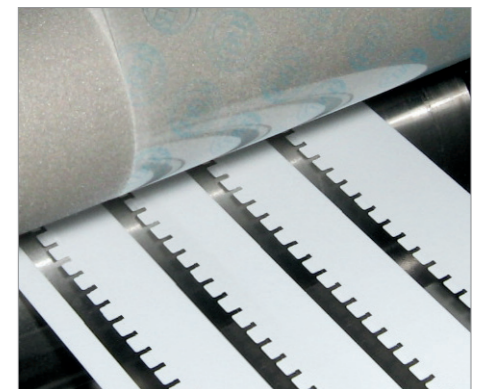
Customized products with "integrated" fluid management capabilities can make the ultimate difference. The combination of state-of-the-art printing technologies with hydrophilic and hydrophobic inks provide an efficient way to simplify your products and production process.



A scored channel on the bottom side of the tape can replace traditional venting methods. Making your manufacturing process easier, faster and more cost-effective. No lasers – no hassles.



Sometimes it is better to combine single components and their functions in one single tape. Multi-laminates with pre-cut capillary cells and hydrophilic top tapes make your life easier, especially when the chemistry of your product demands your full attention or when tight project deadlines require ready-to-use solutions. The extremely narrow tolerances of the tesa® multi-laminates allow calibration-free design.



tesa® Capabilities

More than 125 years of experience in the development and production of self-adhesive tapes and other coated web materials are at your disposal. tesa's state-of-the-art production facilities combined with high quality standards, such as ISO 9001 and ISO 13485 give you peace of mind when you are working on the next generation of test strips.



Research & Development

tesa works globally and develops in several regional R&D centers

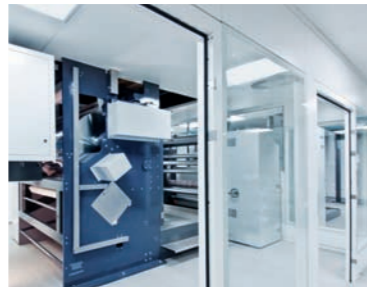
- Customized adhesives
- Films and coatings
- Special manufacturing processes
- Innovative solutions



Polymerization & Adhesive Preparation

tesa offers

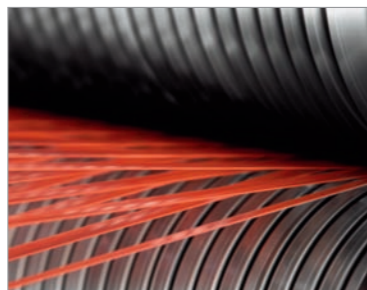
- In-house polymerized adhesives
- Specially mixed rubber adhesives
- Customized adhesives for your specific application



Coating (Clean room, GMP and ISO 13485 compliant)

Our manufacturing infrastructure allows

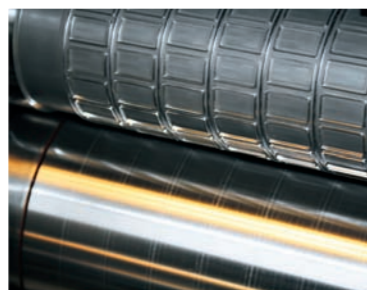
- Ultra-precise coating thicknesses with tight tolerances
- Coating weights from a few grams to more than 250 g/m²
- Automatic control of coating thickness
- In-line failure detection



Slitting (Clean room, GMP and ISO 13485 compliant)

Subsequent to coating, we produce rolls

- In a great variety of lengths and widths
- With extremely narrow tolerances



Customized Converting (Clean room and ISO 13485 compliant)

Demanding requirements can be met with special product designs, such as

- Die-cuts
- Kiss-cuts
- Scored liners
- Multi-laminates

The tesa Group – Worldwide

With offices in over 50 countries, 8 production facilities, and more than 3700 employees around the world, tesa is one of the world's largest manufacturers of pressure-sensitive adhesive tape.



● Production ● Sales Office

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 AG 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 staff will be glad to support you.

CENTRAL EUROPE

tesa AG

Quickbornstrasse 24
20253 Hamburg, Germany
Phone: +49 (40) 4909 3400
www.tesa.de

NORTHERN EUROPE

tesa A/S

Klintehøj Vænge 12
3460 Birkerød, Denmark
Phone: +45 45 99 82 00
www.tesa.dk

SOUTH WEST EUROPE

tesa tape S.A.

Carretera de Mataró a Granollers, km. 5'4
08310 Argentona (Barcelona), Spain
Phone: +34 93 758 3300
www.tesatape.es

EASTERN EUROPE

tesa tape Eastern Europe

2040 Budaörs
Szabadság út 117.
Phone: +36 (23) 814 154
www.tesa.hu

NORTH AMERICA

tesa tape inc.

5825 Carnegie Boulevard
Charlotte, N.C. 28209, U.S.A
Phone: +1 800 426 2181
www.tesatape.com

SOUTH AMERICA

tesa tape Brasil Ltda.

Ave. Joa Gualberto, no 1259 - 18th Floor
Centro Empresarial Lais Peretti
Alto da Gloria
80030-000 Curitiba-PR
Phone: +55 (41) 3021 8100
www.tesatape.com.br

ASIA

tesa tape Asia Pacific Pte.Ltd.

164 Gul Circle,
Singapore 629621, Singapore
Phone: +65 6861 2026
www.tesa-asia.com