

Product sustainability at tesa

The tesa sustainability marker for its industrial tapes

We at tesa have made sustainability a priority and are working on this important transformation of our business. We intend to use our expertise and passion to develop adhesive solutions and products that are more sustainable. That's why many of our sustainability targets are interconnected and dependent on one another and the following five strategic action areas outline how we plan to help achieve our goals in the near future:



1. Reduce emissions – For a climate neutral future
2. Source responsibility – We strive for responsible and sustainable sourcing of our raw materials
3. Rethink materials – We focus on recycled and bio-based materials
4. Push circularity – The circular economy becomes our framework
5. Support our customers – Achieving greater sustainability together with our customers

Another step forward

We continually strive to make our products and our assortment more sustainable. To demonstrate our initiatives and efforts in the industrial segment, this marker highlights our more sustainable products by fulfilling either of the following criteria:

1. **Use of bio-based materials:** In this case, the marker is reserved for products that contain at least 50% bio-based material in one component and 30% in the entire product. In addition, all fiber-based material must be from certified sources such as FSC® (FSC® 148769).
2. **Use of recycled material:** To qualify for the new marker, at least one component of the product – the backing, the adhesive, or the liner – must be made of at least 50% recycled material, and the total share in the product must be at least 30%.
3. **Use of mass balanced material:** If content of a (bio) mass balance material is above 50% referring to a single product component (backing, adhesive and liner) and minimum 30% share in total product, then it qualifies for the marker. But all (bio) mass balanced materials should be certified by ISCC Plus or equivalent certification scheme.
4. **Recyclability:** To be eligible for the marker, products must be certified as recycling-friendly or recyclable according to certifications like INGEDE Method 12 or PTS-RH 021:2012.

This means every time the marker is noticed next to our more sustainable tesa® products for industrial customers and markets, it is another step forward in support of our corporate sustainability strategy.

More sustainable products



Mounting

tesa® 4965 Next Gen 205µm double sided transparent PET film tape

Product Features

- Suitability for critical demands such as heavy stress and high temperatures
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- In accordance with UL standard 969. UL file: MH 18055

Sustainable Aspects

- tesa® 4965 Original Next Gen with -40% CO₂ emissions compared to tesa® 4965 Original
- Biomass balanced tackified acrylic adhesive
- 90% PCR PET in the backing



tesa® 51865 Next Gen 165µm double sided transparent PET film tape with asymmetrical product design

Product Features

- Asymmetrical product design with 100µm adhesive on liner-covered side and 60µm on open side for defined substrates
- Excellent bond to extruded trims and profiles
- Skin contact certification according to ISO 10993-5 and ISO 10993-10

Sustainable Aspects

- tesa® 51865 Next Gen with -37% CO₂ emissions' compared to tesa® 51865
- Biomass balanced tackified acrylic adhesive
- 90% PCR PET in the backing



tesa® 755xx Next Gen Transfer Tapes

Product Features

- tesa® 755xx Next Gen Transfer Tapes now deliver the same reliable performance, but thanks to our renowned tesa® 4965 biomass-balanced tackified adhesive, they come with at least 38%1 less carbon emissions and our responsibly sourced and unbleached paper liner with 30% recycled content.

Sustainable Aspects

- tesa® 75507 Next Gen with -43% CO₂ emissions compared to previous tesa® 75507
- Biomass balanced tackified acrylic adhesive
- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



tesa® 4970 225µm double sided white PVC film tape

Product Features

- High adhesion and very good bonding strength, even to low surface energy materials
- Immediate functionality of the laminated bond due to excellent initial tack
- Light- and aging-resistant acrylic adhesive for long-term applications

Sustainable Aspects

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



tesa® 51970 220µm double sided transparent PP film tape

Product Features

- High initial tack and peel adhesion
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- Light and aging-resistant acrylic adhesive for long-term applications

Sustainable Aspects

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



tesa® 4959 100 µm double sided translucent premium non woven tape

Product Features

- High initial tack and peel adhesion
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- Light and aging-resistant acrylic adhesive for long-term applications

Sustainable Aspects

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



tesa® 4962 160 µm double sided translucent premium non woven tape

Product Features

- Reliable bond, often also on low surface energy surfaces
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- Light and aging-resistant acrylic adhesive for long-term applications

Sustainable Aspects

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



Repairing

tesa® 4541 Conformable uncoated cloth tape

Product Features

- Good adhesion even on rough and oily surfaces
- Conforms to surfaces without creasing
- Easy to write on, ideal marking tape

Sustainable Aspects

- 87% bio-based carbon content in total product (tested acc. to EN 16640)



tesa® 4651 Premium Acrylic Coated Colored Cloth Tape

Product Features

- The cloth tape is conformable and features excellent abrasion resistance, high tensile strength, as well as a very high adhesiveness to multiple, even rough surfaces.
- The tape's high tack and short dwell time ensure a fast application and reliable adhesion only shortly after having been applied.
- The tape can be torn manually with precise and straight edges longitudinally and horizontally.²

Sustainable Aspects

- 68% bio-based content in total product excluding liner (by weight)



tesa® 4657 Temperature Resistant Acrylic Coated Cloth Tape

Product Features

- The tape's high tensile strength, the puncture resistance and the adhesiveness to all kinds of substrates perform well even under elevated temperature.
- The acrylic cloth tape is conformable and features a high resistance to paints, solvents, abrasion, and is waterproof.
- The acrylic coating is highly age-stable, making it very suitable for permanent applications.

Sustainable Aspects

- 76% bio-based content in total product excluding liner (by weight)



tesa® 4660 Printable acrylic coated cloth tape

Product Features

- High adhesion on almost every surface
- Removable without residues
- Excellent flexo printable surface

Sustainable Aspects

- 68% bio-based content in total product excluding liner (by weight)



tesa® 4671 Colored gaffer tape

Product Features

- High adhesion even on rough surfaces
- Can be removed without leaving any residues from almost any surface
- Available in reflective and appealing neon colors

Sustainable Aspects

- 51% bio-based carbon content in total product (tested acc. to ASTM D6866-21 Method B)



tesa® 4615 General purpose duct tape -31% recycled share

Product Features

- Bonds instantly with high adhesion on a variety of materials
- Unwinding is gentle and is easy to tear by hand
- Water repellent and durable

Sustainable Aspects

- 63% of the backing is made from post-consumer recycled plastics, which accounts for 31% of the total product
- Each roll in 50mm:50m replaces 106 gram virgin plastic with post-consumer recyclate



tesa® 60462 Heavy-duty duct tape -30 % recycled share

Product Features

- Bonds instantly with excellent adhesion on a variety of materials, including rough surfaces
- Unwinding is effortless and tears easily by hand
- Water repellent and extremely durable

Sustainable Aspects

- 67% of the backing is made from post-consumer recycled plastics, which accounts for 30% of the total product
- Each roll in 50mm:50m replaces 90 gram virgin plastic with post-consumer recyclate





Masking

tesa® 4316 Fine crepe paper masking tape with temeprature resistance of 100°C

Product Features

- Thin and conformable backing
- Resistant to wet sanding
- Suitable for different paints and fillers

Sustainable Aspects

- 54% bio-based content in total product excluding liner (by weight)



tesa® 4319 High Crepe and Flexible Masking Tape for Paintwork - Especially for Curves

Product Features

- The high elongation of the crepe backing makes it suitable especially for 3-dimensional objects.
- Thanks to the thick adhesive layer, the masking tape holds reliably even on rough surfaces.
- The strong and conformable paper backing of tesa® 4319, makes it suitable even for more like applications surface protection where a high mechanical resistance is needed.

Sustainable Aspects

- 67% bio-based content in total product excluding liner (by weight)



tesa® 4341 High temperature masking tape for professional masking applications – suitable for sensitive surfaces, easy to use, ideal for ambitious lacquering work.

Product Features

- tesa® 4341 is a temperature-resistant masking tape, ideal for demanding masking tasks during spray painting
- The high-temperature tape can be used with various surfaces like metal, rubber, glass, and plastic
- The conformable tape is suitable for fixing of heavy and big masks

Sustainable Aspects

- Total sustainable product excl. liners by weight (acc. EN 16785) 55 %



tesa® 4309 PV1 Temperature resistant masking tape for spray painting with subsequent oven-drying up to 120 °C

Product Features

- The excellent adhesion of fillers or paints (water- or solvent-borne) to the reverse side of the tape prevents any kind of paint flaking.
- After the oven drying process with temperatures up to 120° C, tesa® 4309 can be easily removed without tearing and without leaving any residues.
- The flexible masking tape is resistant to wet sanding and features excellent adhesion to various surfaces

Sustainable Aspects

- 53% bio-based content in total product excluding liner (by weight)



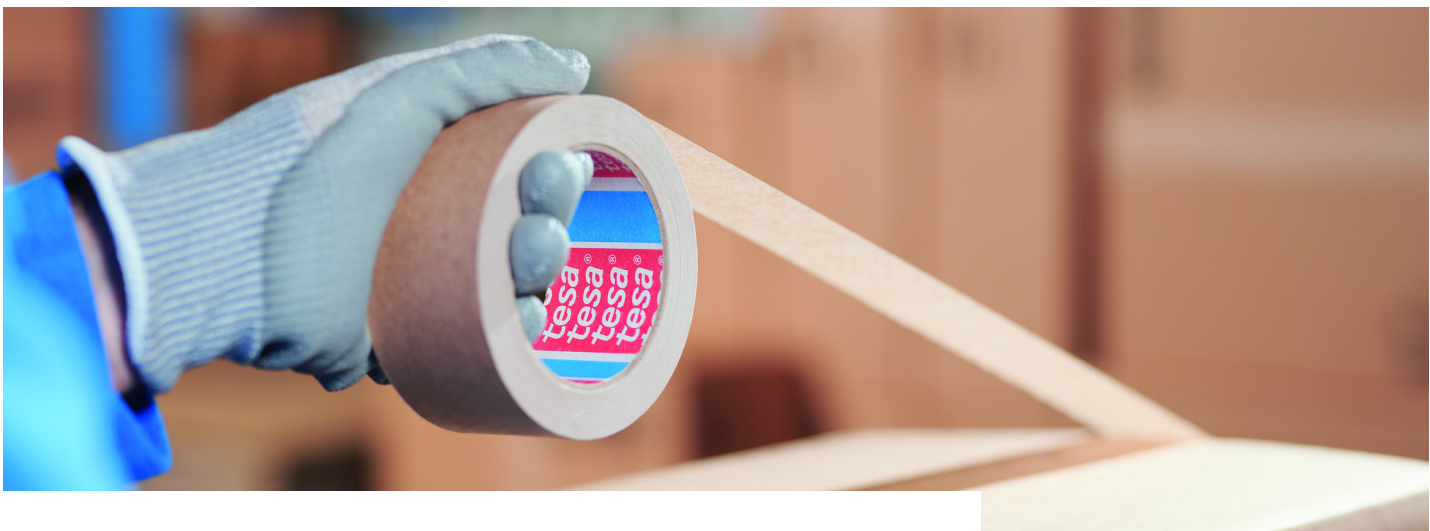
tesa® 4323 General Purpose Paper Masking Tape

Product Features

- The crepe paper backing ensures a good conformability.
- The natural rubber adhesive system features good adhesion to multiple surfaces as well as a good tack.
- The masking tape offers excellent paint anchorage, making it suitable for light duty spray painting.

Sustainable Aspects

- 57% bio-based content in total product excluding liner (by weight)



Packaging

tesa® 4713 Standard paper packaging tape

Product Features

- For light weight cartons up to 10kg
- Good adhesion on many cardboard qualities
- Adhesive is appropriate for use at lower temperatures
- Suitable for manual and automatic dispensers
- Available in white and brown color
- Printable

Sustainable Aspects

- Paper backing made with paper from well-managed FSC™-certified forests and other controlled sources
- Recycling-friendly according to INGEDE Method 12 (100/100)
- Solvent-free production process



tesa® 4513 Superior paper packaging tape

Product Features

- For light to medium weight cartons up to 15kg
- Good adhesion performance even on difficult carton quality
- Robust Kraft paper backing
- Suitable for manual and automatic applications
- Printable

Sustainable Aspects

- Paper backing made with paper from well-managed FSC™-certified forests and other controlled sources
- Recycling-friendly according to INGEDE Method 12 (100/100)
- Solvent-free production process



tesa® 4313 PV12 Premium paper packaging tape

Product Features

- For medium weight cartons up to 20kg
- Excellent tack and very good adhesion performance
- High shock resistance due to micro-creped backing
- Suitable for manual and automatic dispensers
- Very good printability

Sustainable Aspects

- Paper backing made with paper from well-managed FSC™-certified forests and other controlled sources
- Recycling-friendly according to INGEDE Method 12 (83/100)
- Solvent-free production process



tesa® 60408 Bio-based paper packaging tape

Product Features

- For medium weight cartons up to 20kg
- Good tack and very good adhesion performance
- Micro-creped paper offers a very good shock resistance
- Suitable for application in lower temperatures
- Best choice when it comes to automated application
- Very good printability

Sustainable Aspects

- 92% bio-based carbon content in total product
- Paper backing made with paper from well-managed FSC™-certified forests and other controlled sources
- Official certification from DIN CERTCO
- Recycling-friendly according to INGEDE Method 12 (78/100)
- Solvent-free production process



tesa® 60013 Self-adhesive reinforced paper tape

Product Features

- Best choice for heavy duty applications up to 25kg
- Very high tack and good adhesion performance
- High tensile strength, due to fiberglass scrim reinforcement
- Tamper-evident seal when removing the tape
- Suitable for manual and automatic dispensers

Sustainable Aspects

- Recycling-friendly according to INGEDE Method 12 (75/100)
- Solvent-free production processprocess
- Paper backing made with paper from well-managed FSC™-certified forests and other controlled sourcesocess



tesa® 60416 Silent Recycled Polyester Packaging Tape

Product Features

- Smooth, silent unwinding
- Strong, tear and puncture resistant PET backing
- Humidity and temperature resistance
- Versatile water based acrylic adhesive

Sustainable Aspects

- 55% total recycled content
- Backing made with 90% recycled PET from post consumer waste
- Recycling friendly adhesive does not disturb the paper recycling process (Ingede method 12)
- Solvent-free production process



tesa® 60418 Thin recycled PET packaging tape

Product Features

- For medium weight cartons up to 25 kg
- High initial adhesion even on difficult carton surfaces
- Easy application with low unwinding force
- Higher roll length, less roll changes
- Best choice for automated volume applications

Sustainable Aspects

- 85% Post-Consumer Recycled (PCR) PET content in backing
- Solvent-free production process

