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**tesa® PROFESSIONAL  
ASSORTMENT**

**Professional Solutions for Building, Renovating and Decorating.  
Valid from January 2016**

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 advise you.

**tesa SE**  
A Beiersdorf Company

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for Building, Renovating and Decorating

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## PRODUCT RANGE

tesa® Professional is based on a product range geared entirely towards the needs of craftsmen and professionals as well as focused on high-quality products and robust sellers. Thanks to extensive market research on painters and craftsmen, tesa® keeps up with market trends and knows what professional end-users need.

## A BRAND FOR PROFESSIONALS/ made by professionals for professionals

Globally aligned branding at the point of sale, in online and offline communications and at international trade fairs yields a cohesive image. Our unique branding also enables fast recognition and brand loyalty, as professional identify with our application-driven brand image.

## POINT OF SALE DISPLAYS

Our new sales modules attract professional users and meet their needs. Simple, well-organised shelves are optimised by product category to help customers locate the appropriate solutions to their needs. On top of customer satisfaction, our main goal is an increased product rotation, which also benefits the retailer.

## TRAINING

All around Europe our tesa® trainers, painting professionals themselves, carry out technical trainings for painters and for retail staff. The participants learn more about advanced tape applications as well as discovering the benefits of tesa's high-quality products. This creates close and intimate customer contact as well as increases end-user awareness and loyalty.

## DIALOGUE

Our relationship with our trade partners has always relied on mutual communication and feedback, which informs us in developing our products and strategies. tesa® Professional also aims to raise its profile among end-users by increasing field representative visits as well as attending multiple trade fairs.

# TECHNICAL DATA OF AN ADHESIVE TAPE



The properties of adhesive tapes can be described by means of certain performance characteristics. We explain the most important of these below.

### Adhesive tape thickness

The thickness of the adhesive tape is quoted in  $\mu\text{m} = 1/1000 \text{ mm}$ . (Compare the thickness of writing paper:  $80 \mu\text{m}$ )

### Adhesive strength, adhesion, peel strength

Measure of the adhesion of an adhesive tape to a surface. Adhesive strength is the strength required to peel the tape from its substrate. For the purposes of standardization, smooth stainless steel is used as the reference substrate. Strength is quoted in Newtons per cm of adhesive tape width (N/cm).

### Elongation at break

Elongation at break quotes the percentage by which the tape can be elongated in the longitudinal direction before it tears. The feature is quoted as a % value.

### Mesh

The quality of cloth tapes is described among other things by their mesh (cloth density). To this end, the number of threads in a surface area of  $2.54 \text{ cm} \times 2.54 \text{ cm}$  (square inch) is quoted.

### Properties of adhesive compounds

|                         |   |
|-------------------------|---|
| <b>Natural rubber</b>   | <ul style="list-style-type: none"> <li>Good initial tack, easy to remove, reliable adhesion</li> <li>Also on substrates to which other adhesive materials adhere poorly</li> </ul>  |
| <b>Acrylate base</b>    | <ul style="list-style-type: none"> <li>Resistant to temperature ageing and UV</li> <li>Resistant to chemicals</li> </ul>  |
| <b>Synthetic rubber</b> | <ul style="list-style-type: none"> <li>Strong adhesion to metal and glass (polar substrates), not as good adhesion to some plastics</li> <li>Can only be used for a short period, as poor UV and ageing resistance; not suitable for high temperatures</li> </ul> |

### Properties of backing materials

|                 |                                |  |
|-----------------|--------------------------------|--|
| <b>Paper</b>    | Not creped<br>e.g. Japan paper | Slightly elastic, delivers very accurate, really flat paint edges  |
|                 | Slightly creped                | Moderately elastic, possible to apply tape around gentle curves, results in flat paint edges                           |
|                 | Highly creped                  | Tape can be applied to tight curves, paint edges less accurate than with fine crepe because paper structure is thicker |
| <b>Cloth</b>    | PE-coated                      | Easily torn by hand, very strong even with significant moisture, provides substrate with good protection from damage   |
| <b>PVC film</b> | Dimensionally stable           | UV-resistant, resistant to mortar, plaster and chemicals   |
|                 | Surface smooth                 | Can be torn by hand  |
|                 | Surface ribbed                 | Especially easy to tear by hand, also at right angles  |

# PRODUCT ICON EXPLANATIONS

|                                 |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Indoor Masking                  |  |  |  |  |  |  |  |  |  |  |  |
| Outdoor Masking                 |  |  |  |  |  |  |  |  |  |  |  |
| Building Protection & Repairing |  |  |  |  |  |  |  |  |  |  |  |
| Mounting & Floor Laying         |  |  |  |  |  |  |  |  |  |  |  |
| Safety & Electrical Insulation  |  |  |  |  |  |  |  |  |  |  |  |
| Packaging                       |  |  |  |  |  |  |  |  |  |  |  |

For your convenience the tesa product labels show the particular tape features as icons. You can find out what every single icon stands for and what kind of benefit your chosen tesa® tape offers to you. For a better overview and decision leave this page open while discovering the catalogue!

# THE PERFECT SALES ASSISTANT

The brand new Point of Sale for tesa® Professional has been launched to further support our trade partners, enabling them to increase both sales and shopper satisfaction.

## BENEFITS

- Save time - low maintenance effort and less need for client consultation
- Increase know-how – clear information for shoppers and sales teams
- Increase shopper satisfaction – shoppers quickly and easily find the perfect solution for every problem
- Increase sales – premium products are highlighted, rotation increases, clear category structure



### Crowner recognition from a distance

Shelf header has a stopping power from a distance, attracting shoppers to the display. Our displays can be customised to target either painters especially or craftsmen generally.



### Different qualities in one view

Based upon the shoppers needs, they will find the required product in one view



### Explanatory tools

Additional information is demonstrated about the benefits of premium products



### Clear segmentation

Category segmentation tools lead the shopper through the shelf, helping them find the required product



### Premium products are highlighted

Active selling of premium products leads to additional turnover



# INDOOR MASKING

## 4334 tesa® Precision Mask



### Application

- Flat, sharp edges to paint and lacquer
- For smooth and slightly textured surfaces
- For high-quality painting and lacquering work

### Product Features

- Thin but particularly tear-resistant backing
- Very supple
- Slightly transparent backing facilitates very good, accurate positioning
- Balanced, constant adhesive strength for highly reliable adhesion
- Traceless removal after up to 6 months indoors and after up to 8 weeks outdoors
- Easy to remove



| Technical Data          |      | Sizes and Packaging |       |       |       |       |       |
|-------------------------|------|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 90   | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 1.85 | Pcs. IP/Box         | 8/48  | 6/36  | 5/30  | 4/24  | 3/18  |
| Elongation at break [%] | 4    |                     |       |       |       |       |       |



## 4348 tesa® Painter's Tape



### Application

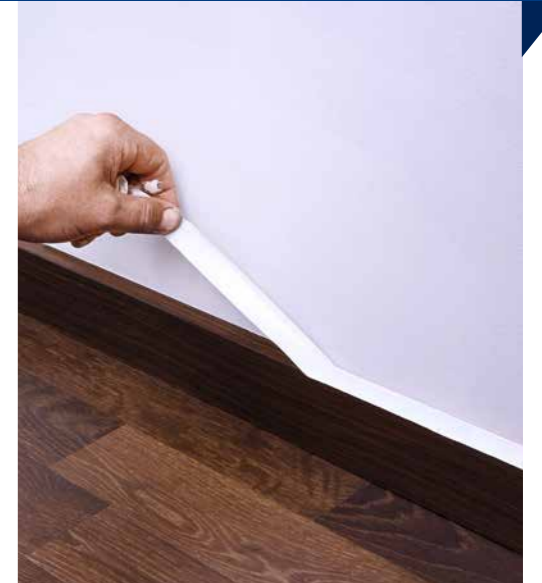
- Clean edges to paint and lacquer
- For smooth and slightly textured surfaces
- For universal painting tasks

### Product Features

- Good initial tack
- Sound adhesive properties
- Resistant to tearing and easy to stretch
- Traceless removal after up to 7 days



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 140 | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 3.3 | Pcs. IP/Box         | 16/96 | 12/72 | 10/60 | 8/48  | 6/36  |
| Elongation at break [%] | 10  |                     |       |       |       |       |       |



## 4323 tesa® Masking Tape



### Application

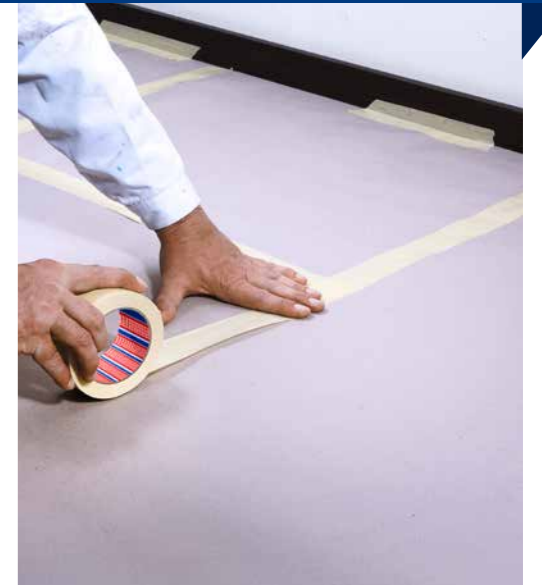
- For simple masking tasks and for fixing masking materials in position
- For affixing, packing, marking

### Product Features

- Slightly crêped texture
- Quick and easy to remove
- Traceless removal after up to 3 days



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 125 | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 3   | Pcs. IP/Box         | 16/96 | 12/72 | 10/60 | 8/48  | 6/36  |
| Elongation at break [%] | 10  |                     |       |       |       |       |       |



**4333 tesa Precision Mask® Sensitive**



**Application**

- For masking of highly-sensitive surfaces requiring protection, such as wallcoverings and wallpapers, lacquered surfaces
- Flat, sharp edges to paint and lacquer
- For smooth and slightly textured surfaces
- For designer techniques involving primer, paint and scumble

**Product Features**

- Thin but particularly tear-resistant backing
- Very supple
- Slightly transparent backing facilitates very good, accurate positioning
- Easy to remove
- Constant, gentle adhesive strength guarantees gentle adhesion to sensitive, critical surfaces



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 80  | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 0.5 | Pcs. IP/Box         | 16/96 | 12/72 | 10/60 | 8/48  | 6/36  |
| Elongation at break [%] | 5   |                     |       |       |       |       |       |

**4319 tesa® Masking Tape for Curves**



**Application**

- Especially suitable for masking of curves
- Rapid, reliable masking off, even on rough surfaces

**Product Features**

- High initial tack
- Highly creped, with a high elasticity reserve
- Thick cushion of adhesive compound for good adhesion to rough surfaces

**Recommendation**

- To avoid paint bleeding, we recommend pulling the creping right out of the adhesive tape



| Technical Data          |     | Sizes and Packaging |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|
| Total thickness [µm]    | 375 | m:mm                | 50:19 | 50:25 | 50:50 |
| Adhesion/Steel [N/cm]   | 4.5 | Pcs. IP/Box         | 16/96 | 12/72 | 6/36  |
| Elongation at break [%] | 58  |                     |       |       |       |

**4341 tesa® Special Painters Tape**



**Application**

- Excellent for long lines and slight curves
- For sharp and precise colour and paint edges
- For use on smooth and slightly rough surfaces
- Suitable for solvent and waterbased paints

**Product Features**

- Very flexible
- Very high adhesion
- Highly temperature resistant
- Waterproof backing
- Heat resistant tape
- Oven drying up to 140 °C / 1h.



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 190 | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 4.7 | Pcs. IP/Box         | 16/96 | 12/72 | 10/60 | 8/48  | 6/36  |
| Elongation at break [%] | 13  |                     |       |       |       |       |       |

**60101 tesa® Fiberglass Tape**



**Application**

- For joining plasterboards and mending cracks and holes
- For joint/gap sealing
- Permanently covers cracks and joints (up to 3mm deep) in walls
- Ready to use without filler or putty
- Holes and cracks do not have to be filled before use

**Product Features**

- Excellent adhesion, even on dusty surfaces
- High ageing resistance
- Very good tear resistance

| Technical Data          |     | Sizes and Packaging |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|
| Total thickness [µm]    | 185 | m:mm                | 25:48 | 45:48 | 90:48 |
| Adhesion/Steel [N/cm]   | 0.5 | Pcs. IP/Box         | -/48  | -/48  | -/24  |
| Elongation at break [%] | 5   |                     |       |       |       |



**4365 tesa Easy Cover® Precision**



**Application**

- The 2-in-1 solution for masking and protecting large areas
- Flat, sharp edges to paint and lacquer
- For smooth and slightly textured surfaces
- For high-quality painting and lacquering work

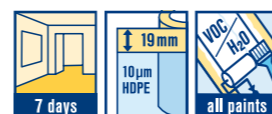
**Product Features**

- Combination of transparent, supple film and tesa Precision Mask® 4334
- Embossed film for good paint adhesion

| Technical Data          |      | Sizes and Packaging |        |         |         |
|-------------------------|------|---------------------|--------|---------|---------|
| Total thickness [µm]    | 90   | m:mm                | 33:550 | 33:1400 | 33:2100 |
| Adhesion/Steel [N/cm]   | 1.80 | Pcs. IP/Box         | 8/64   | 8/32    | 8/32    |
| Elongation at break [%] | 4    |                     |        |         |         |



**4368 tesa Easy Cover® Universal**



**Application**

- The 2-in-1 solution for masking and protecting large areas
- Clean edges to paint and lacquer
- For smooth and slightly textured surfaces
- For painting tasks and spray techniques

**Product Features**

- Combination of transparent, supple film and tesa® 4316 Painter's Tape Premium
- Embossed film for good paint adhesion

| Technical Data          |     | Sizes and Packaging |        |        |         |         |         |         |         |
|-------------------------|-----|---------------------|--------|--------|---------|---------|---------|---------|---------|
| Total thickness [µm]    | 140 | m:mm                | 33:300 | 33:550 | 33:1100 | 33:1400 | 33:1800 | 33:2100 | 17:2600 |
| Adhesion/Steel [N/cm]   | 3.4 | Pcs. IP/Box         | 10/60  | 10/60  | 10/20   | 10/20   | 10/20   | 10/20   | 10/20   |
| Elongation at break [%] | 10  |                     |        |        |         |         |         |         |         |



4364 tesa Easy Cover® Paper

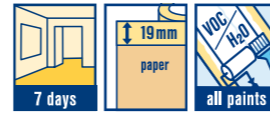


**Application**

- The 2-in-1 solution for masking and protecting large areas
- Clean edges to paint and lacquer
- For smooth and slightly textured surfaces
- For painting tasks and spray techniques

**Product Features**

- Combination of high-quality special paper and tesa® 4316 Painter's Tape Premium
- Specially-coated paper for good bonding of paint and lacquer



| Technical Data          |     | Sizes and Packaging |        |        |
|-------------------------|-----|---------------------|--------|--------|
| Total thickness [µm]    | 140 | m:mm                | 25:180 | 25:300 |
| Adhesion/Steel [N/cm]   | 3.4 | Pcs. IP/Box         | 10/40  | 10/20  |
| Elongation at break [%] | 10  |                     |        |        |

Masking tapes for special applications

| tesa® Nr. | Main applications  | Main advantages   | Adhesion of tape on |                | Quality of paint edge | Max. masking time (indoor) |
|-----------|--|---|---------------------|----------------|-----------------------|----------------------------|
|           |  |   | smooth surfaces     | rough surfaces |                       |                            |
| 4333      | <ul style="list-style-type: none"> <li>- For highly sensitive, critical surfaces (wallpapers, lacquered surfaces)</li> <li>- For designer techniques involving primer, paint and scumble</li> <li>- For smooth and slightly textured surfaces</li> </ul> | <ul style="list-style-type: none"> <li>- Flat, sharp paint edges</li> <li>- Excellent protection of sensitive surfaces</li> <li>- No damage incurred upon removal, even on the most sensitive surfaces</li> <li>- Very supple</li> <li>- Thin but tear-resistant backing</li> </ul> |                     |                |                       | 7 days                     |
| 4319      | <ul style="list-style-type: none"> <li>- For masking curves</li> <li>- Also suitable for rough surfaces</li> </ul>   | <ul style="list-style-type: none"> <li>- High initial tack</li> <li>- Good adhesion to rough surfaces</li> <li>- Very flexible, even for narrow curves</li> </ul>   |                     |                |                       | 7 days                     |
| 4341      | <ul style="list-style-type: none"> <li>- Excellent for long lines and slight curves</li> <li>- For smooth and slightly rough surfaces</li> <li>- Suitable for solvent and waterbased paint</li> </ul>  | <ul style="list-style-type: none"> <li>- Very high adhesive strength</li> <li>- Very flexible and robust</li> <li>- Highly temperature resistant up to 140°C</li> </ul>   |                     |                |                       | 7 days                     |
| 60101     | <ul style="list-style-type: none"> <li>- For joint and gap sealing, plasterboard joining</li> <li>- For mending cracks and holes permanently</li> </ul>  | <ul style="list-style-type: none"> <li>- Ready to use without filler or putty</li> <li>- Excellent adhesion even on dusty surfaces</li> <li>- High ageing and tear resistance</li> </ul>  | —                   | —              | —                     | permanent                  |

Paper masking tapes

| tesa® Nr. | Main applications  | Main advantages   | Adhesion of tape on |                | Quality of paint edge | Max. masking time (indoor) |
|-----------|--|---|---------------------|----------------|-----------------------|----------------------------|
|           |  |   | smooth surfaces     | rough surfaces |                       |                            |
| 4334      | <ul style="list-style-type: none"> <li>- For high quality painting and lacquering</li> <li>- For smooth and slightly textured surfaces</li> <li>- Masking for up to 6 months indoors and up to 8 weeks outdoors</li> </ul> | <ul style="list-style-type: none"> <li>- Flat &amp; extra sharp paint edges</li> <li>- Supple, tear-resistant backing</li> <li>- Extremely convenient application, easy to apply and to remove</li> <li>- For perfect results under nearly all conditions</li> <li>- Highly reliable adhesion yet easy to remove</li> </ul> |                     |                |                       | 6 months                   |
| 4348      | <ul style="list-style-type: none"> <li>- For universal painting tasks</li> <li>- For smooth and slightly textured surfaces</li> <li>- Masking for up to 7 days indoors</li> </ul>  | <ul style="list-style-type: none"> <li>- Clean edges</li> <li>- Good initial tack</li> <li>- Sound adhesive properties</li> <li>- Resistant to tearing, easy to stretch</li> </ul>  |                     |                |                       | 7 days                     |
| 4323      | <ul style="list-style-type: none"> <li>- For simple masking tasks</li> <li>- For affixing, packing, marking</li> <li>- Masking for up to 3 days indoors</li> </ul>   | <ul style="list-style-type: none"> <li>- Quick and easy to remove</li> <li>- Multi-purpose for all applications</li> </ul>  |                     |                |                       | 3 days                     |

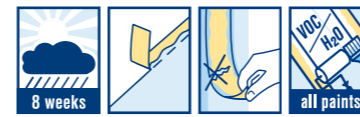
Easy cover tapes for large area surface protection

| tesa® Nr. | Main applications  | Main advantages   | Adhesion of tape on |                | Quality of paint edge | Max. masking time (indoor) |
|-----------|--|---|---------------------|----------------|-----------------------|----------------------------|
|           |  |   | smooth surfaces     | rough surfaces |                       |                            |
| 4365      | <ul style="list-style-type: none"> <li>- For masking and protecting large areas</li> <li>- For high-quality painting and lacquering work</li> <li>- For smooth and slightly textured surfaces</li> </ul> | <ul style="list-style-type: none"> <li>- Flat &amp; extra sharp edges</li> <li>- Combination of transparent film and our highest quality masking tape Precision Mask® 4334</li> </ul>   |                     |                |                       | 5 months                   |
| 4368      | <ul style="list-style-type: none"> <li>- For masking and protecting large areas</li> <li>- For painting tasks and spray techniques</li> <li>- For smooth and slightly textured surfaces</li> </ul>       | <ul style="list-style-type: none"> <li>- Clean edges</li> <li>- Combination of transparent film and tesa® 4316 Painter's tape premium</li> </ul>  |                     |                |                       | 7 days                     |
| 4364      | <ul style="list-style-type: none"> <li>- For masking and protecting large areas</li> <li>- For painting tasks and spray techniques</li> <li>- For smooth and slightly textured surfaces</li> </ul>       | <ul style="list-style-type: none"> <li>- Specially coated paper paper enabling good bonding of paint and lacquer, combined with tesa® 4316 Painter's tape premium</li> <li>- Lacquer-absorbing masking paper ensures clean results when spray painting</li> </ul> |                     |                |                       | 7 days                     |



# OUTDOOR MASKING

## 4439 tesa Precision Mask® Outdoor



### Application

- Flat, sharp edges to paint and lacquer
- For high-quality painting and lacquering work

### Product Features

- Thin but particularly tear-resistant backing
- Balanced adhesive strength for sensitive and also slightly rough surfaces
- Easy to remove without residues and without damaging the surface
- Very supple
- Slightly transparent backing facilitates very good, accurate positioning
- UV-resistant for 8 weeks



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 100 | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 1.8 | Pcs. IP/Box         | 8/48  | 6/36  | 5/30  | 4/24  | 3/18  |
| Elongation at break [%] | 5   |                     |       |       |       |       |       |



## 4435 tesa® Outdoor Masking Tape



### Application

- For painting, lacquering and light-duty rendering tasks

### Product Features

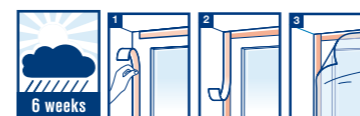
- Clean edges to paint and lacquer
- Also for adhesion to slight curves
- Resistant to tearing and easy to stretch
- UV-resistant for 2 weeks



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 145 | m:mm                | 50:19 | 50:25 | 50:30 | 50:38 | 50:50 |
| Adhesion/Steel [N/cm]   | 2.8 | Pcs. IP/Box         | 16/96 | 12/72 | 10/60 | 8/48  | 6/36  |
| Elongation at break [%] | 12  |                     |       |       |       |       |       |



## 4836 tesa® Duo masking Tape



### Application

- Enables the application of individual large area masking materials
- Protection for sensitive and delicate surfaces
- Protection when cleaning/renovating facades or while painting/plastering
- Protection for the application of heat shield systems

### Product Features

- Double sided coated masking tape on a film backing with a white liner
- High UV resistance
- Residue free removal after up to 6 weeks
- Age resistant acrylic adhesive
- Hand-tearable



| Technical Data        |       | Sizes and Packaging |       |       |
|-----------------------|-------|---------------------|-------|-------|
| Total thickness [µm]  | 130   | m:mm                | 25:25 | 25:35 |
| Adhesion/Steel [N/cm] | 4 / 3 | Pcs. IP/Box         | 12/48 | 8/32  |





4373 tesa Easy Cover® UV Extra Strong

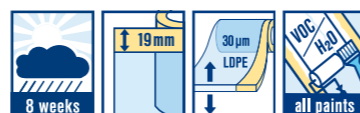


**Application**

- The 2-in-1 solution for masking and protecting large areas
- For clean, straight paint edges
- For smooth and slightly rough surfaces
- Ideal for covering windows during rendering, plastering and painting work
- For heavy-duty, long-term applications

**Product Features**

- Combination of highly transparent, extra-strong film and tesa® 4370 UV Cloth Tape
- UV-resistant for 8 weeks



| Technical Data          |     | Sizes and Packaging |        |         |         |
|-------------------------|-----|---------------------|--------|---------|---------|
| Total thickness [µm]    | 310 | m:mm                | 12:550 | 12:1400 | 12:2600 |
| Adhesion/Steel [N/cm]   | 3.8 | Pcs. IP/Box         | 8/64   | 8/32    | 8/32    |
| Elongation at break [%] | 10  |                     |        |         |         |

4369 tesa Easy Cover® UV

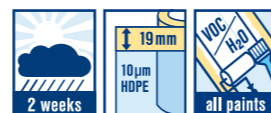


**Application**

- The 2-in-1 solution for masking and protecting large areas
- For clean, straight paint edges
- For smooth and slightly rough surfaces
- Ideal for covering windows during rendering, plastering and painting work

**Product Features**

- Combination of transparent, supple film and tesa® 4363 UV Cloth Tape
- Embossed film for good paint adhesion
- UV-resistant for 2 weeks



| Technical Data          |     | Sizes and Packaging |        |         |         |         |         |         |
|-------------------------|-----|---------------------|--------|---------|---------|---------|---------|---------|
| Total thickness [µm]    | 310 | m:mm                | 14:550 | 14:1100 | 14:1400 | 14:1800 | 14:2100 | 14:2600 |
| Adhesion/Steel [N/cm]   | 2.5 | Pcs. IP/Box         | 8/64   | 8/64    | 8/32    | 8/32    | 8/32    | 8/32    |
| Elongation at break [%] | 10  |                     |        |         |         |         |         |         |

4372 tesa Easy Cover® UV Paper Mask



**Application**

- The 2-in-1 solution for masking and protecting large areas
- For clean, straight paint edges and adhesion to slight curves
- For smooth and slightly rough surfaces
- Ideal for covering windows during rendering, plastering and painting work

**Product Features**

- Combination of transparent, supple film and tesa Mask® UV Painter's Tape
- Embossed film for good paint adhesion
- UV-resistant for 6 weeks



| Technical Data          |     | Sizes and Packaging |        |         |         |
|-------------------------|-----|---------------------|--------|---------|---------|
| Total thickness [µm]    | 150 | m:mm                | 33:550 | 33:1400 | 17:2600 |
| Adhesion/Steel [N/cm]   | 3.4 | Pcs. IP/Box         | 8/64   | 8/32    | 8/32    |
| Elongation at break [%] | 14  |                     |        |         |         |

4848 tesa® UV Surface Protection



**Application**

- Self-adhesive film for protecting large areas of high-quality surfaces, e.g. glass

**Product Features**

- Resistant to many chemical effects, mechanical damage and water
- Transparent PE film guarantees a high level of transparency
- Quick and easy to use
- UV-resistant for 4 weeks

**Recommendation**

- We urgently recommend that you test the surface! Residues or shadows may be left when the tape is removed from old, weathered surfaces



| Technical Data          |     | Sizes and Packaging |         |         |         |         |          |
|-------------------------|-----|---------------------|---------|---------|---------|---------|----------|
| Total thickness [µm]    | 48  | m:mm                | 100:125 | 100:250 | 100:500 | 100:750 | 100:1000 |
| Adhesion/Steel [N/cm]   | 0.8 | Pcs. IP/Box         | -/18    | -/9     | -/4     | -/3     | -/2      |
| Elongation at break [%] | 200 |                     |         |         |         |         |          |

Paper masking tapes category

| tesa® Nr. | Main applications  | Main advantages   | Adhesion of tape on |                | Quality of paint edge | Max. masking time (indoor) |
|-----------|--|---|---------------------|----------------|-----------------------|----------------------------|
|           |  |   | smooth surfaces     | rough surfaces |                       |                            |
| 4439      | - For high-quality outdoor painting and lacquering work<br>- For sensitive and slightly rough surfaces | - Flat, sharp edges<br>- Thin but particularly resistant backing<br>- Very supple, accurate positioning and residueless removal<br>- UV resistant for 8 weeks | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 8 weeks                    |
| 4435      | - For painting, lacquering and light duty rendering tasks<br>- For adhesion to slight curves           | - Clean edges<br>- Resistant to tearing and easy to stretch<br>- UV-resistant for 2 weeks   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 2 weeks                    |

tesa Easy Cover® for large area surface protection

| tesa® Nr. | Main applications  | Main advantages   | Adhesion of tape on |                | Quality of paint edge | Max. masking time (indoor) |
|-----------|--|---|---------------------|----------------|-----------------------|----------------------------|
|           |  |   | smooth surfaces     | rough surfaces |                       |                            |
| 4836      | - Enables the application of individual large area masking materials<br>- Protection for sensitive and delicate surfaces                             | - Double sided coated masking tape on a film backing with a white liner<br>- High UV resistance<br>- Age resistant acrylic adhesive   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 6 weeks                    |
| 4373      | - 2-in-1 solution for masking off and protecting large areas<br>- For smooth and slightly rough surfaces<br>- For heavy-duty, long-term applications | - Clean, straight paint edges<br>- Highly transparent and extra-strong film<br>- UV-resistant for 8 weeks   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 8 weeks                    |
| 4369      | - 2-in-1 solution for masking off and protecting large areas<br>- For smooth and slightly rough surfaces   | - Clean, straight paint edges<br>- Transparent, supple film and tesa® 4363 Cloth tape<br>- UV-resistant for 2 weeks   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 2 weeks                    |
| 4372      | - 2-in-1 solution for masking off and protecting large areas<br>- For smooth and slightly rough surfaces<br>- Adhesion to slight curves              | - Clean, straight paint edges<br>- Transparent, supple film and tesa® UV Painter's tape<br>- UV-resistant for 6 weeks   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■             | 6 weeks                    |
| 4848      | - For protecting large areas of high quality surfaces (glass)  | - Self-adhesive film so quick and easy to use<br>- Resistant to many chemical effects, mechanical and water damage<br>- High level of transparency guaranteed<br>- UV-resistant for 4 weeks | ■ ■ ■ ■ ■           | □ □ □ □ □      | not applicable        | 4 weeks                    |



# BUILDING PROTECTION & REPAIRING

## 4843 tesa® Premium Plastering Tape Orange



### Application

- Good protection of smooth and slightly rough surfaces
- For applications that require high adhesion power

### Product Features

- Extra strong backing
- Strong adhesion power
- Hand tearable
- Resistant to acids, bases and other chemicals
- Application temperature  $\geq 0\text{ }^{\circ}\text{C}$

### Recommendation

- For secure adhesion the tape should not be stretched while applying



| Technical Data          |     | Sizes and Packaging |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|
| Total thickness [µm]    | 122 | m:mm                | 33:30 | 33:50 | 33:75 |
| Adhesion/Steel [N/cm]   | 1.2 | Pcs. IP/Box         | 10/60 | 6/36  | 4/24  |
| Elongation at break [%] | 200 | Colours             | ■     |       |       |



## 4840 tesa® Premium Plastering Tape Embossed



### Application

- Good protection of smooth and delicate surfaces during plastering and painting

### Product Features

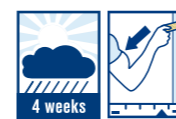
- UV and weather resistant
- Hand tearable with straight tape edge
- Resistant to acids, bases and other chemicals
- Application temperature  $\geq 5\text{ }^{\circ}\text{C}$



| Technical Data          |     | Sizes and Packaging |       |       |  |
|-------------------------|-----|---------------------|-------|-------|--|
| Total thickness [µm]    | 150 | m:mm                | 33:30 | 33:50 |  |
| Adhesion/Steel [N/cm]   | 1.9 | Pcs. IP/Box         | 10/60 | 6/36  |  |
| Elongation at break [%] | 140 | Colours             | ■ □   |       |  |



## 4172 tesa® Standard Plastering Tape



### Application

- Good protection of smooth surfaces
- Application in curves possible

### Product Features

- Good adhesion
- Resistant to acids, bases and other chemicals
- Hand tearable
- Can be used at temperatures  $\geq 5\text{ }^{\circ}\text{C}$

### Recommendation

- On solvent based paints an adhesion test is recommended
- Should not be used on water-based acrylic paints



| Technical Data          |     | Sizes and Packaging |       |       |  |
|-------------------------|-----|---------------------|-------|-------|--|
| Total thickness [µm]    | 120 | m:mm                | 33:30 | 33:50 |  |
| Adhesion/Steel [N/cm]   | 1.3 | Pcs. IP/Box         | 10/60 | 6/36  |  |
| Elongation at break [%] | 190 | Colours             | ■ □   |       |  |

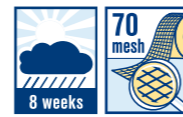


4370 tesa® UV Building Protection Tape



**Application**

- For long term (8 weeks) protection of areas like window frames, facades and other surfaces during plastering and painting at construction sites
- 8 weeks UV resistance due to black UV blocker



**Product Features**

- Strong adhesion even on rough surfaces
- Water repellent
- Easy to remove without residues
- Easy to tear by hand
- To be used at temperatures  $\geq 5\text{ }^{\circ}\text{C}$

**Recommendation**

- Limited application on porous surfaces. An adhesion test is recommended before use on older, weathered PVC profiles, on white paints and nitro compounds.



| Technical Data          |     | Sizes and Packaging |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|
| Total thickness [µm]    | 310 | m:mm                | 25:25 | 25:38 | 25:50 |
| Adhesion/Steel [N/cm]   | 3.8 | Pcs. IP/Box         | -/48  | -/32  | -/24  |
| Elongation at break [%] | 10  | Colours             | ■     |       |       |

4363 tesa® Plastering Cloth Tape



**Application**

- For short term protection of areas like window frames, facades, and other surfaces during plastering and painting at construction sites
- 2 weeks UV resistance



**Product Features**

- Good adhesion even on rough surfaces
- Water repellent
- Easy and fast removal
- To be used at temperatures  $\geq 5\text{ }^{\circ}\text{C}$

**Recommendation**

- Limited application on porous surfaces. An adhesion test is recommended before use on older, weathered PVC profiles, on white paints and nitro compounds.



| Technical Data          |     | Sizes and Packaging |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|
| Total thickness [µm]    | 310 | m:mm                | 25:25 | 25:30 | 25:38 | 25:50 |
| Adhesion/Steel [N/cm]   | 2.5 | Pcs. IP/Box         | -/48  | -/40  | -/30  | -/24  |
| Elongation at break [%] | 10  | Colours             | ■     |       |       |       |

Plastering tapes

| tesa® Nr. | Main applications   | Main advantages   | Adhesion of tape on |                | Hand tearable | UV resistance |
|-----------|---|---|---------------------|----------------|---------------|---------------|
|           |   |   | smooth surfaces     | rough surfaces |               |               |
| 4843      | -For protecting smooth and slightly rough surfaces during plastering and painting<br>-For applications requiring high adhesion power<br>-For plastering at low temperatures (application temperature $\geq 0\text{ }^{\circ}\text{C}$ ) | -Extra strong backing<br>-Strong adhesion power<br>-Hand tearable<br>-Resistant to acids, bases and other chemicals<br>-Very flexible                                   | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■     | 2 weeks       |
| 4840      | -For protecting smooth and delicate surfaces during plastering and painting   | -90°C tape edge enables very sharp masking in edges and corners<br>-UV and weather resistant<br>-Easily hand tearable<br>-Resistant to acids, bases and other chemicals | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■     | 6 weeks       |
| 4172      | -For protecting smooth surfaces and curves during plastering and painting   | -Hand tearable<br>-Resistant to acids, bases and other chemicals  | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■     | 4 weeks       |
| 4370      | -For long term protection of smooth and rough surfaces (window frames, facades,...) during plastering and painting  | -Long-term protection, 8 week UV resistance<br>-Strong adhesion even on rough surfaces<br>-Water repellent<br>-Easy to tear by hand and remove without residues         | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■     | 8 weeks       |
| 4363      | -For short term masking of smooth and rough surfaces (window frames, facades,...) during plastering and painting  | -UV resistant for 2 weeks<br>-Good adhesion even on rough surfaces<br>-Water repellent<br>-Easy and fast removal  | ■ ■ ■ ■ ■           | ■ ■ ■ ■ ■      | ■ ■ ■ ■ ■     | 2 weeks       |

4663 tesa® Heavy Duty Duct Tape



**Application**

- For sealing of pipes and ducts
- For fixing heavy-duty construction such as masonry, concrete, render and wood

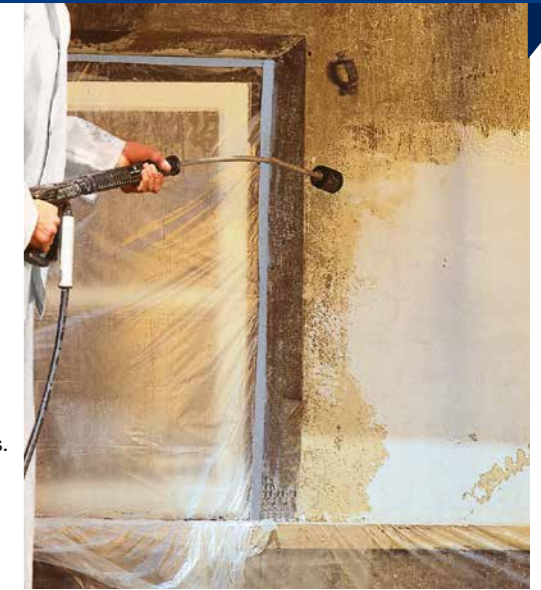
**Product Features**

- High tensile strength compared to conventional duct tape grades
- Excellent adhesive strength even on rough and dirty surfaces (e.g. concrete, brickwork, timber)
- Water repellent
- Perfect adhesion even under colder conditions
- Used during asbestos removal, rendering and bricklaying work
- Temperature resistant up to 95 °C

**Recommendation**

- Product should not be used on painted surfaces.

| Technical Data          |     | Sizes and Packaging |       |
|-------------------------|-----|---------------------|-------|
| Total thickness [µm]    | 300 | m:mm                | 50:48 |
| Adhesion/Steel [N/cm]   | 4.8 | Pcs. IP/Box         | -/24  |
| Elongation at break [%] | 15  | Colours             | ■     |



4662 tesa® Strong Duct Tape



**Application**

- All-purpose cloth tape with excellent product properties for fixing films and dustsheets

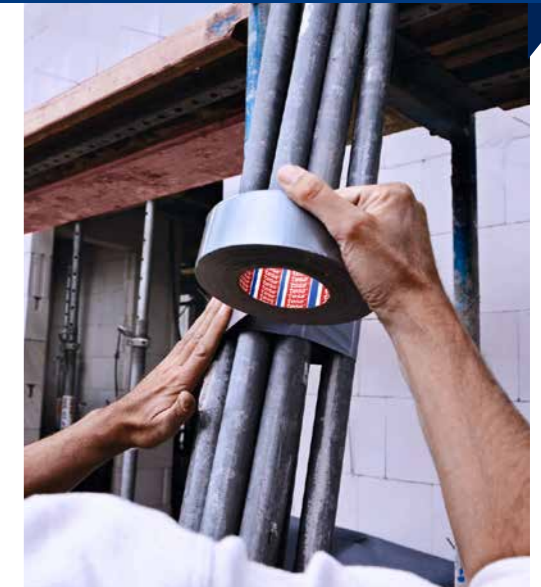
**Product Features**

- High initial adhesive strength
- Water repellent
- Flexible
- Easy to tear by hand
- Temperature resistant up to 95 °C

**Recommendation**

- Product should not be used on painted surfaces

| Technical Data          |     | Sizes and Packaging |           |       |       |       |      |
|-------------------------|-----|---------------------|-----------|-------|-------|-------|------|
| Total thickness [µm]    | 230 | m:mm                | 25:48     | 50:48 | 50:72 | 50:96 |      |
| Adhesion/Steel [N/cm]   | 4.4 | Pcs. IP/Box         | 0/48      | -/36  | -/24  | -/18  | -/12 |
| Elongation at break [%] | 15  | Colours             | ■ ■ ■ ■ ■ |       |       |       |      |



4613 tesa® Utility Duct Tape



**Application**

- Simple applications such as fixing, sealing, marking and packing, even on rough surfaces

**Product Features**

- Good adhesive strength
- Water repellent
- Very easy to unwind
- Easy to tear by hand
- Temperature-resistant up to 95 °C

**Recommendation**

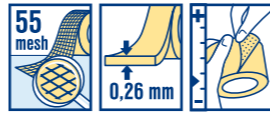
- Product should not be used on painted surfaces.

| Technical Data          |     | Sizes and Packaging |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|
| Total thickness [µm]    | 180 | m:mm                | 50:48 | 50:72 | 50:96 |
| Adhesion/Steel [N/cm]   | 4.1 | Pcs. IP/Box         | -/24  | -/18  | -/12  |
| Elongation at break [%] | 15  | Colours             | ■ ■ ■ |       |       |



| Duct tapes |   |   |           |                          |               |                                  |
|------------|---|---|-----------|--------------------------|---------------|----------------------------------|
| tesa® Nr.  | Main applications   | Main advantages   | Thickness | Mechanical tape strength | Hand tearable | Tape adhesion on smooth surfaces |
| 4663       | - For sealing of pipes and ducts<br>- For fixing heavy-duty construction (masonry, concrete, render and wood)<br>- Used during asbestos removal, rendering and bricklaying work | - High tensile strength<br>- Excellent adhesion even on rough and dirty surfaces or under cold conditions<br>- Water repellent<br>- Temperature resistant up to 95 °C |           |                          |               |                                  |
| 4662       | - All purpose cloth tape<br>- For fixing films and dustsheets   | - High initial adhesive strength<br>- Water repellent<br>- Flexible and easy to tear by hand<br>- Temperature resistant up to 95 °C                                   |           |                          |               |                                  |
| 4613       | - For simple applications such as fixing, sealing, marking and packing<br>- Even for rough surfaces   | - Good adhesive strength<br>- Water repellent<br>- Flexible and easy to tear by hand<br>- Temperature resistant up to 95 °C   |           |                          |               |                                  |

### 4688 tesa® Standard PE Coated Cloth Tape





**Application**

- For packaging, protection, marking, bundling and much more
- Classical repairing tape


**Product Features**

- Strong PE-extruded cloth
- Flexible cloth backing
- Easy to unwind
- Available in diverse colours



| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 260 | m:mm                | 25:50 | 50:50 | 50:75 | 50:25 | 50:38 |
| Adhesion/Steel [N/cm]   | 3.4 | Pcs. IP/Box         | 5/20  | -/18  | -/12  | -/24  | -/18  |
| Elongation at break [%] | 9   | Colours             |       |       |       |       |       |

### 4651 tesa® Premium Cloth Tape

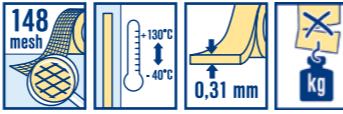



**Application**

- Very strong tape for highly demanding applications
- For fixing, bundling, repairing, marking etc.

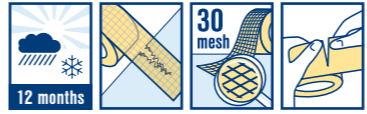

**Product Features**

- High adhesion even on rough and oily surfaces
- Excellent tensile strength
- High abrasion resistance
- Straight tear edges
- Available in various colours

| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 310 | m:mm                | 50:50 | 50:38 | 50:30 | 50:25 | 50:19 |
| Adhesion/Steel [N/cm]   | 3.3 | Pcs. IP/Box         | 3/18  | 4/24  | 5/30  | 6/36  | 8/48  |
| Elongation at break [%] | 13  | Colours             |       |       |       |       |       |

### 4665 tesa® Outdoor Transparent Cloth Tape

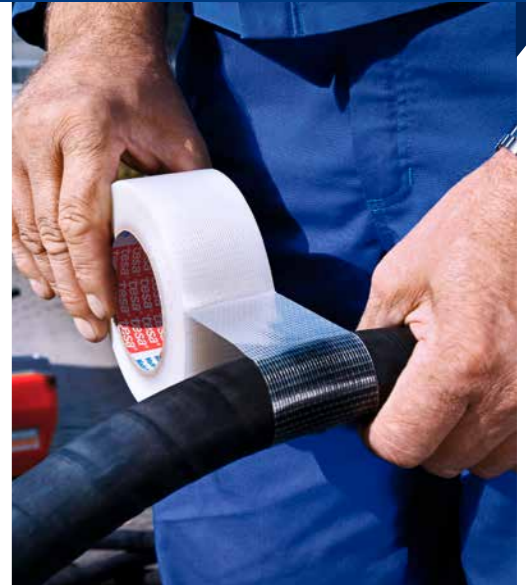



**Application**

- Suitable for outdoor use for up to a year for long-term applications such as packing, sealing, fixing and bundling
- Ideal for quick repairs and seals, e.g. greenhouses or garden hoses

**Product Features**

- Very high adhesive strength
- Particularly resistant to weathering and UV
- Hand-tearable
- Temperature-resistant up to 95 °C
- Transparent backing for almost invisible repairs



| Technical Data          |     | Sizes and Packaging |       |
|-------------------------|-----|---------------------|-------|
| Total thickness [µm]    | 215 | m:mm                | 25:48 |
| Adhesion/Steel [N/cm]   | 9   | Pcs. IP/Box         | 6/24  |
| Elongation at break [%] | 27  | Colours             |       |

### 4671 tesa® High Grade Cloth Tape



**Application**

- Bundling and reinforcing of heavy pipes, profiles etc.
- Floor marking
- Fixing of carpets during exhibitions
- Covering sharp edges

**Product Features**

- Adheres even to rough surfaces
- Low reflective surface
- Conformable
- Easy to write on
- Residue free removable




| Technical Data          |     | Sizes and Packaging |       |       |       |       |       |       |
|-------------------------|-----|---------------------|-------|-------|-------|-------|-------|-------|
| Total thickness [µm]    | 280 | m:mm                | 50:50 | 50:38 | 50:25 | 50:19 | 25:25 | 25:19 |
| Adhesion/Steel [N/cm]   | 3.8 | Pcs. IP/Box         | 3/18  | 4/24  | 6/36  | 8/48  | 6/36  | 8/48  |
| Elongation at break [%] | 9   | Colours             |       |       |       |       |       |       |

### Cloth tapes

| tesa® Nr. | Main applications   | Main advantages   | Thickness | Mechanical tape strength | Hand tearable | Tape adhesion on smooth surfaces |
|-----------|---|---|-----------|--------------------------|---------------|----------------------------------|
| 4651      | - For highly demanding applications<br>- For fixing, bundling, repairing, marking etc.  | - High adhesion even on rough and oily surfaces<br>- Excellent tensile strength<br>- Straight tear edges<br>- High abrasion resistance    |           |                          |               |                                  |
| 4671      | - For bundling and reinforcing of heavy pipes, profiles etc<br>- For floor marking<br>- For fixing carpets during exhibitions<br>- For covering sharp edges   | - Adheres even to rough surfaces<br>- Low reflective surface<br>- Conformable<br>- Easy to write on                                       |           |                          |               |                                  |
| 4688      | - Classical repairing tape<br>- For packaging, protection, marking, bundling and more   | - Strong PE-extruded cloth<br>- Flexible cloth backing<br>- Easy to unwind  |           |                          |               |                                  |
| 4665      | - For outdoor use<br>- For long-term applications such as packing, sealing, fixing and bundling<br>- For quick repairs and seals (greenhouses or garden houses)<br>- Nearly invisible repairs (transparent backing) | - Very high adhesive strength<br>- Particularly resistant to weathering and UVs<br>- Hand-tearable<br>- Temperature-resistant up to 95 °C |           |                          |               |                                  |

4668 tesa® Transparent PE Repairing Tape



**Application**

- Repairing plastic materials indoors and outdoors
- Ideal for affixing LDPE films in construction applications
- Transparent film for nearly invisible repairs



**Product Features**

- High adhesive strength
- Particularly resistant to weathering and UV
- Rugged and resistant to ageing
- Highly resistant to abrasion
- Good resistance to chemicals
- No expensive mounting of new foils necessary, saves time and money



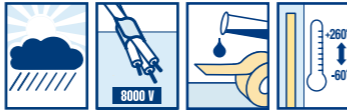
| Technical Data          |     | Sizes and Packaging |                          |
|-------------------------|-----|---------------------|--------------------------|
| Total thickness [µm]    | 140 | m:mm                | 33:50 33:100             |
| Adhesion/Steel [N/cm]   | 3.4 | Pcs. IP/Box         | -/18 -/12                |
| Elongation at break [%] | 500 | Colours             | <input type="checkbox"/> |

4600 tesa® Xtreme Conditions



**Application**

- Insulating and protecting wiring and connections
- Sealing applications in engine compartments
- Various bundling, securing, wrapping applications in the marine industry
- Wrap hydraulic fittings and other exposed metal connections to help prevent corrosion
- Masking applications in powder coating, liquid coating, e-coating, anodizing and plating
- Can be applied under water



**Product Features**

- Strong self-amalgamating tape made from silicone which bonds without adhesive
- Water tight, permanent sealing. Flexible material
- Can be applied smoothly on any kind of surface, including wet or warm, dirty or oily
- Residue-free removable



| Technical Data          |     | Sizes and Packaging |                          |
|-------------------------|-----|---------------------|--------------------------|
| Total thickness [µm]    | 500 | m:mm                | 3:25                     |
| Elongation at break [%] | 750 | Pcs. IP/Box         | -/16                     |
|                         |     | Colours             | <input type="checkbox"/> |

60073 tesa® Sealing Tape Flex



**Application**

- For permanent sealing of Vapour Barrier foil overlaps, penetrations, joints and metal staples



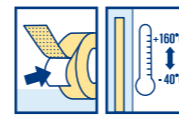
**Product Features**

- Convenient and time-saving due to flexible backing
- Permanent, extremely high adhesion on various vapour barrier foils
- Width of 60 mm for secure and easy application
- Very high ageing resistance for challenging requirements



| Technical Data              |            | Sizes and Packaging |                          |
|-----------------------------|------------|---------------------|--------------------------|
| Total thickness [µm]        | 320        | m:mm                | 25:60                    |
| Adhesion/Steel [N/cm]       | >12        | Pcs. IP/Box         | 1/10                     |
| Mounting temperature [°C]   | +5 to +40  | Colours             | <input type="checkbox"/> |
| Temperature resistance [°C] | -20 to +80 |                     |                          |

50565 tesa® Aluminium Tape



**Application**

- Insulating pipes and guttering etc.
- Affixing aluminium-coated insulating materials
- General purpose temperature insulation

**Product Features**

- Good adhesion
- Resistant to moisture and impermeable to steam
- High thermal conductivity
- Resistant to oil and acid
- Good mechanical strength
- Available with and without paper liner
- Measures 50 µm

**Recommendation**

- tesa® 50565 is flame-retardant to UL510!
- Increased oxidation may occur on galvanized gutters

| Technical Data          |    | Sizes and Packaging |                          |  |  |
|-------------------------|----|---------------------|--------------------------|--|--|
| Total thickness [µm]    | 90 | m:mm                | 25:50 50:38 50:50 50:75  |  |  |
| Adhesion/Steel [N/cm]   | 6  | Pcs. IP/Box         | -/18 -/24 -/18 -/12      |  |  |
| Elongation at break [%] | 8  | Colours             | <input type="checkbox"/> |  |  |



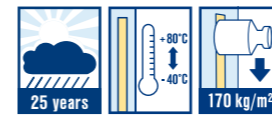
Tapes for special applications

| tesa® Nr. | Main applications   | Main advantages   |
|-----------|---|---|
| 4668      | - For repairing plastic materials indoors and outdoors<br>- For affixing LDPE films in construction applications<br>- Nearly invisible repairs (transparent backing)  | - High adhesive strength<br>- Particularly resistant to weathering and UV<br>- Rugged and resistant to ageing<br>- Highly resistant to abrasion and good resistance to chemicals  |
| 4600      | - For insulating and protecting wiring and connections<br>- For sealing applications in engine compartments<br>- For the marine industry: various bundling, wrapping and securing applications<br>- For wrapping exposed metal connections (hydraulic fittings) to help prevent corrosion<br>- Masking applications in powder coating, liquid coating, e-coating, anodizing and plating | - Water tight, permanent sealing<br>- Flexible material<br>- Can be applied smoothly on any kind of surfaces including wet, warm, dirty or oily<br>- Removable residue-free<br>- Can be applied under water                 |
| 60073     | - For permanent sealing of vapour barrier foil overlaps, penetrations, joints and metal staples   | - Convenient and time saving working conditions due to flexible backing<br>- Permanent and extremely high adhesion on various vapour barrier foils<br>- Very high ageing resistance so suitable to challenging requirements |
| 50565     | - For insulating pipes and guttering<br>- For affixing aluminium coated insulating materials<br>- General purpose temperature insulation  | - Good adhesion and mechanical strength<br>- Resistant to moisture and impermeable to steam<br>- High thermal conductivity<br>- Resistant to oil and acid<br>- Good mechanical strength                                     |



# MOUNTING & FLOOR LAYING

## 4952 tesa® Mirror Mounting



### Application

- Double-sided tape for indoor use
- For fixing flat objects such as mirrors, signs and decorative materials
- Especially suitable for fixing mirrors in bathrooms

### Product Features

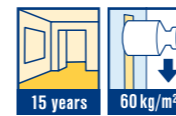
- High-quality foam backing
- Excellent adhesion on smooth surfaces
- Highly resistant to ageing



| Technical Data        | Sizes and Packaging |             |        |       |       |
|-----------------------|---------------------|-------------|--------|-------|-------|
| Total thickness [µm]  | 1150*               | m:mm        | 1.5:19 | 5:19  | 10:19 |
| Foam splitting [N/cm] | > 8                 | Pcs. IP/Box | 12/72  | 10/60 | 16/96 |

\* without cover

## 64958 tesa® Universal Indoor Mounting



### Application

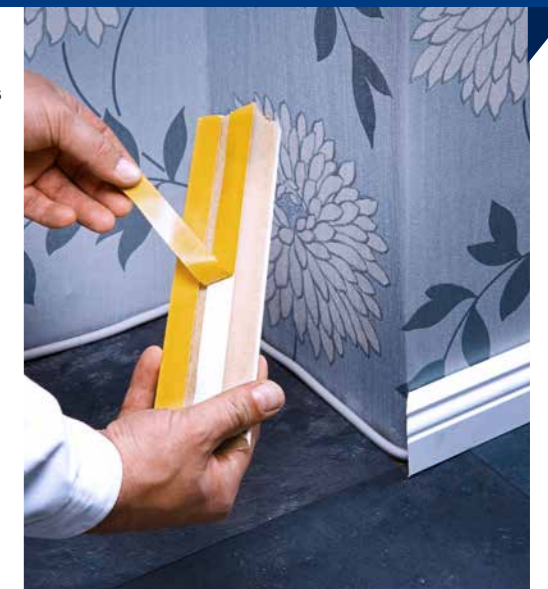
- Strong double-sided tape for multiple applications like pre-fixing, posters or price tags
- Suitable for fixing lighter objects, such as cable channels, stucco mounting and skirting
- For smooth and slightly rough surfaces

### Product Features

- Highly conformable foam backing
- Very good adhesive strength on smooth and slightly rough surfaces

### Recommendation

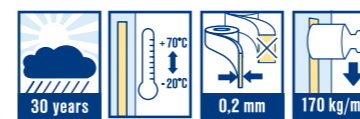
- Adhesive has limited resistance to temperature: 40 °C (long term) to 60 °C (short term).



| Technical Data        | Sizes and Packaging |             |        |       |       |
|-----------------------|---------------------|-------------|--------|-------|-------|
| Total thickness [µm]  | 1050*               | m:mm        | 1.5:19 | 5:19  | 10:19 |
| Foam splitting [N/cm] | > 4                 | Pcs. IP/Box | 12/72  | 10/60 | 19/96 |

\* without cover

## 4965 tesa® Transparent Mounting



### Application

- For attaching objects such as signs, thermometers etc. to glass
- For fixing transparent and translucent materials
- For minimal gaps after fixing
- Ideal for glass and transparent items

### Product Features

- High initial tack and very high adhesive strength on smooth, solid surfaces, e.g. tiles, wood and most plastics
- Extra-thin and transparent (invisible)
- UV-resistant and suitable for outdoor use



| Technical Data        | Sizes and Packaging |             |        |       |       |
|-----------------------|---------------------|-------------|--------|-------|-------|
| Total thickness [µm]  | 205*                | m:mm        | 1.5:19 | 5:19  | 25:19 |
| Adhesion/Steel [N/cm] | 11.5                | Pcs. IP/Box | 12/72  | 12/72 | 8/48  |

\* without cover

Mounting tapes

| tesa® Nr. | Main applications  | Main advantages  | Tape adhesion on smooth surfaces |
|-----------|--|--|----------------------------------|
| 4952      | - Double-sided tape for indoor use<br>- For fixing flat objects (mirrors, signs, decorative materials)   | - Excellent adhesion on smooth surfaces<br>- Highly resistant to ageing  |                                  |
| 64958     | - Strong double-sided tape<br>- Suitable for smooth and slightly rough surfaces<br>- For multiple applications such as pre-fixing, posters or price tags                               | - Highly conformable foam backing<br>- Very good adhesive strength on smooth and rough surfaces  |                                  |
| 4965      | - Strong double-sided tape<br>- For attaching objects such as signs, thermometers etc to glass<br>- For fixing transparent and translucent material<br>- For minimal gaps after fixing | - Extra-thin and transparent<br>- UV-resistant and suitable for outdoor use<br>- High initial tack and very high adhesive strength on smooth, solid surfaces |                                  |

51960 tesa® Extra Strong Double-Sided - Removable



Application

- For textile and resilient (PVC, CV) floor coverings
- Can be used on many surfaces (except natural and synthetic stone), for example varnished parquet
- Especially suitable for fixing edges and butt splicing



Product Features

- Hand tearable
- Removable virtually without residues up to 5 years
- Suitable for floor heating



| Technical Data        |        | Sizes and Packaging |       |       |
|-----------------------|--------|---------------------|-------|-------|
| Total thickness [µm]  | 248    | m:mm                | 10:50 | 25:50 |
| Adhesion/Steel [N/cm] | 9/4.7* | Pcs. IP/Box         | 6/36  | 6/36  |

\* covered/open side

4939 tesa® Universal Double-Sided - Removable



Application

- For textile floor coverings (incl. felt and needle felt carpets)
- Can be used on many surfaces (except natural and synthetic stone)
- Especially for screed, mastic and epoxy-sealed floors
- Especially suitable for temporary use on exhibitions and fairs



Product Features

- Removable virtually without residues after up to 14 days
- Hand tearable



| Technical Data        |        | Sizes and Packaging |       |       |
|-----------------------|--------|---------------------|-------|-------|
| Total thickness [µm]  | 250    | m:mm                | 10:50 | 25:50 |
| Adhesion/Steel [N/cm] | 7.5/5* | Pcs. IP/Box         | 6/36  | 6/24  |

\* covered/open side

4944 tesa® Extra Strong Floor Laying - Permanent



Application

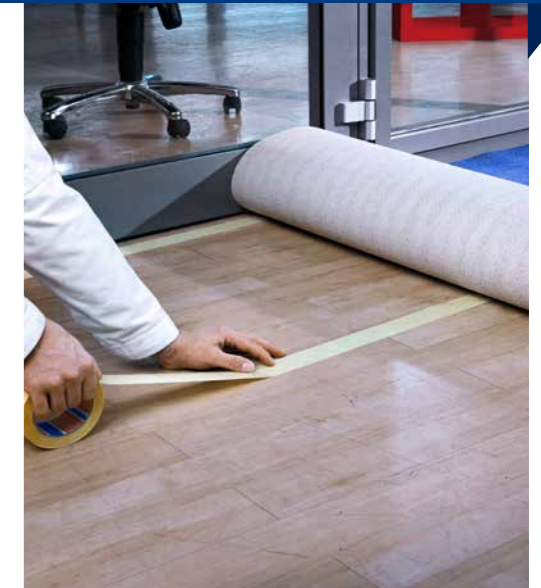
- Very strong cloth tape for permanent, long term secure floor laying
- Especially for fixing carpets to rough surfaces
- Suitable even for floor coverings and heavy duty applications

Product Features

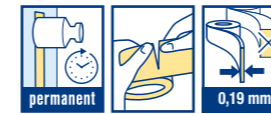
- Excellent adhesion on all surfaces
- Hand tearable
- Also suitable for highly structured and fibrous carpet backs



| Technical Data        |      | Sizes and Packaging |       |       |
|-----------------------|------|---------------------|-------|-------|
| Total thickness [µm]  | 200  | m:mm                | 10:50 | 25:50 |
| Adhesion/Steel [N/cm] | 14.5 | Pcs. IP/Box         | 6/36  | 6/24  |



64620 tesa® Universal Floor Laying - Permanent



Application

- For permanent floor laying with light and medium load
- For even and slightly uneven surfaces
- For carpets with smooth and fibrous backs

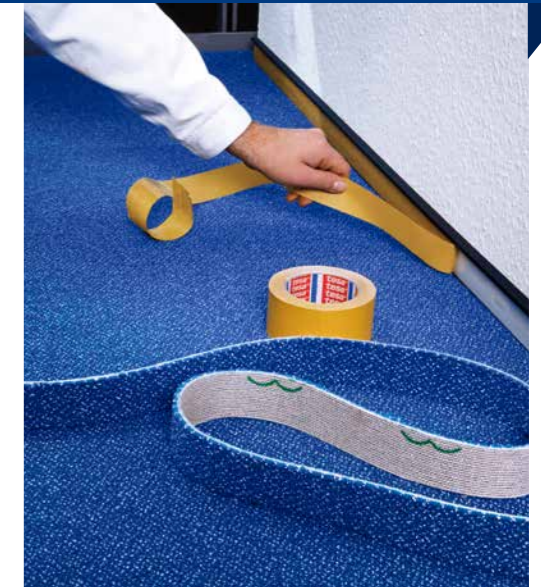
Product Features

- Fast and secure fixing
- Hand tearable



| Technical Data        |        | Sizes and Packaging |      |       |       |       |
|-----------------------|--------|---------------------|------|-------|-------|-------|
| Total thickness [µm]  | 185    | m:mm                | 5:50 | 10:50 | 25:25 | 25:50 |
| Adhesion/Steel [N/cm] | 12/10* | Pcs. IP/Box         | 6/36 | 6/36  | 12/48 | 6/24  |

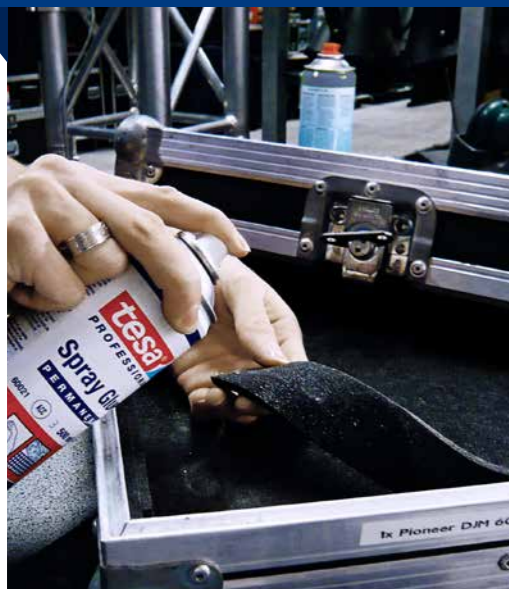
\* covered/open side



Removable and permanent floor laying tapes

| tesa® Nr. | Main applications  | Main advantages   | Adhesion strength | Removable for up to |
|-----------|--|---|-------------------|---------------------|
| 51960     | - For removable fixing<br>- Application on textile and resilient (PVC, CV) floor coverings<br>- For fixing edges and butt splicing<br>- Suitable for floor heating                                 | - Hand tearable<br>- Removable without virtually any residues for up to 5 years<br>- Application suitable on many surfaces (except natural and synthetic stone) |                   | 5 years             |
| 4939      | - For removable fixing<br>- For textile floor coverings (incl. felt and needle felt carpets)<br>- Especially for screed, mastic and epoxy sealed floors<br>- For temporary use on exhibition fairs | - Application suitable on many surfaces (except natural and synthetic stone)<br>- Hand tearable   |                   | 2 weeks             |
| 4944      | - For permanent, long term, secure floor laying<br>- Especially for fixing carpets to rough surfaces<br>- For floor coverings and heavy duty applications  | - Excellent adhesion on all surfaces<br>- Hand tearable<br>- Also suitable for highly structured and fibrous carpet backs                                       |                   | Permanent           |
| 64620     | - For permanent floor laying with light and medium load<br>- For even and slightly uneven surfaces<br>- For carpets with a smooth back   | - Fast and secure fixing<br>- Hand tearable   |                   | Permanent           |

60021 tesa® Spray glue Permanent



**Application**

- Versatile spray glue used to permanently glue materials such as paper, cardboard, felt, textiles, film, leather, Styrofoam® and a variety of synthetic materials
- Suitable for light and medium-weight materials with even or slightly uneven surfaces

**Product Features**

- Clean, economical, safe and quick bonding of large surfaces
- Dries quickly, resistant to moisture and to thermal and mechanical stress



| Technical Data                   |                          | Sizes and Packaging |       |
|----------------------------------|--------------------------|---------------------|-------|
| Adhesive base:                   | Synthetic rubber         | ml                  | 500   |
| Recommended time before bonding: | 1-5 min.                 | Pcs. IP/Box         | -/12  |
| Temperature range:               | from -20 °C up to +60 °C | Colours             | beige |

60022 tesa® Spray glue Extra Strong

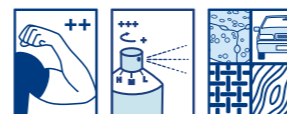


**Application**

- Versatile spray glue used to permanently glue materials such as textiles, plastic, cardboard, foam rubber, insulating materials, vinyl, leather, synthetic leather and rubber as well as on metal and wood
- Suitable for heavy weight materials with rough and uneven surfaces
- Especially suited to applications within the automobile industry

**Product Features**

- High stability and good temperature resistance
- Minimal spray mist, resistant to damp and temperatures
- Adjustable spray quantity, spray direction can be set either horizontal or vertical
- Free of silicone and chlorinated solvents



| Technical Data                   |                          | Sizes and Packaging |       |
|----------------------------------|--------------------------|---------------------|-------|
| Adhesive base:                   | Synthetic rubber         | ml                  | 500   |
| Recommended time before bonding: | < 10 min.                | Pcs. IP/Box         | -/12  |
| Temperature range:               | from -30 °C up to +80 °C | Colours             | white |

Spray glues

| tesa® Nr. | Main applications  | Main advantages  | Adhesion strength | Recommended time before bonding |
|-----------|--|--|-------------------|---------------------------------|
| 60021     | - Permanently glues paper, cardboard, felt, textiles, film, leather, Styrofoam® and a variety of synthetic materials<br>- Suitable for light and medium-weight materials with even or slightly uneven surfaces   | - Clean, economical, safe and quick bonding of large surfaces<br>- Dries quickly, resistant to moisture and to thermal and mechanical stress   | ■ ■ ■ □ □         | 1-5 min.                        |
| 60022     | - Permanently glues textiles, plastic, cardboard, foam rubber, insulating materials, vinyl, leather, synthetic leather and rubber as well as on metal and wood<br>- Suitable for heavy weight materials with rough and uneven surfaces<br>- Especially suited to applications within the automobile industry | - High stability and good temperature resistance<br>- Minimal spray mist, resistant to damp and temperatures<br>- Adjustable spray quantity, spray direction can be set either horizontal or vertical<br>- Free of silicone and chlorinated solvents | ■ ■ ■ ■ ■         | Less than 10 min                |

60042 tesa® Adhesive remover



**Application**

- Spray for easy removal of glue residues from plastic, glass and metal surfaces
- Removes labels and label residues
- Removes residues such as grease, tear and resins, residues of most adhesive tapes and many other stains

**Product Features**

- Free of silicone and chlorinated solvents
- Based on limonene from natural sources
- Evaporates without leaving residues and leaves a pleasant odour

| Technical Data                |  | Sizes and Packaging |             |
|-------------------------------|--|---------------------|-------------|
| Solvent base:                 | Dearomatized special petrol, isopropanol, limonene | ml                  | 200         |
| Recommended spraying distance | 20 cm  | Pcs. IP/Box         | -/12        |
|                               |  | Colours             | transparent |



60040 tesa® Industry cleaner



**Application**

- Versatile spray to quickly and easily clean glass and metal surfaces, machines, plastic parts
- Removes even stubborn stains such as wax, oil, grease, rubber debris, silicone residue
- Optimally prepares surfaces before the application of tape or spray glue

**Product Features**

- Evaporates without residues, leaving a pleasant odour
- Based on limonene from natural sources
- Free of silicone and chlorinated solvents

| Technical Data                |  | Sizes and Packaging |             |
|-------------------------------|--|---------------------|-------------|
| Solvent base:                 | Dearomatized special petrol, isopropanol, limonene | ml                  | 500         |
| Recommended spraying distance | 20 cm  | Pcs. IP/Box         | -/12        |
|                               |  | Colours             | transparent |



Adhesive removers and cleaners

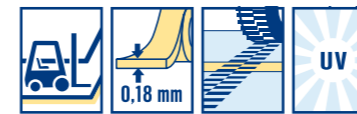
| tesa® Nr. | Main applications   | Main advantages  | Removal power | Recommended spraying distance |
|-----------|---|--|---------------|-------------------------------|
| 60042     | - Spray for easy removal of glue residues from plastic, glass and metal surfaces<br>- Removes labels and label residues, residues such as grease, tear and resins, residues of most adhesive tapes and many other stains  | - Free of silicone and chlorinated solvents<br>- Based on limonene from natural sources<br>- Evaporates without leaving residues and leaves a pleasant odour | ■ ■ ■ □ □     | 20cm                          |
| 60040     | - Versatile spray to quickly and easily clean glass and metal surfaces, machines, plastic parts<br>- Removes even stubborn stains such as wax, oil, grease, rubber debris, silicone residue<br>- Optimally prepares surfaces before the application of tape or spray glue | - Evaporates without residues, leaving a pleasant odour<br>- Based on limonene from natural sources<br>- Free of silicone and chlorinated solvents           | ■ ■ ■ ■ ■     | 20 cm                         |





**SAFETY**

4169 tesa® Permanent Marking Tape

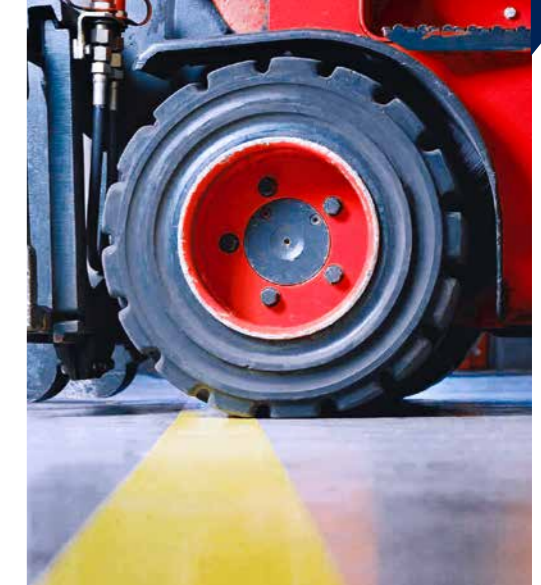


**Application**

- Premium marking tape for permanent, high-traffic floor markings
- Marking of working areas, make guide route for optically-controlled transport vehicles
- Mark out courts in sports halls

**Product Features**

- High adhesive strength
- UV-resistant
- Robust and resistant PVC backing, fork-lift trucks can drive over it
- Highly flexible backing to cope with curves



| Technical Data          |     | Sizes and Packaging |               |
|-------------------------|-----|---------------------|---------------|
| Total thickness [µm]    | 180 | m:mm                | 33:50         |
| Adhesion/Steel [N/cm]   | 1.8 | Pcs. IP/Box         | 6/36          |
| Elongation at break [%] | 200 | Colours             | ■ ■ ■ ■ ■ ■ □ |

60760 tesa® Marking tape



**Application**

- Temporary marking tape
- Identify and mark mobile and stationary objects

**Product Features**

- High adhesive strength on many substrates
- Robust PVC tape highly resistant to abrasion
- Hand tearable



| Technical Data          |     | Sizes and Packaging |             |
|-------------------------|-----|---------------------|-------------|
| Total thickness [µm]    | 150 | m:mm                | 33:50       |
| Adhesion/Steel [N/cm]   | 2   | Pcs. IP/Box         | 6/36        |
| Elongation at break [%] | 220 | Colours             | ■ ■ ■ ■ ■ □ |

60950, 60951, 60952, 60953 tesa® Anti Slip Tapes

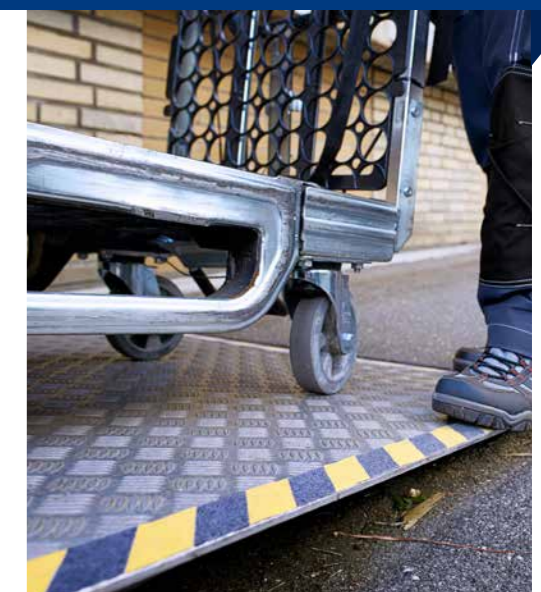


**Application**

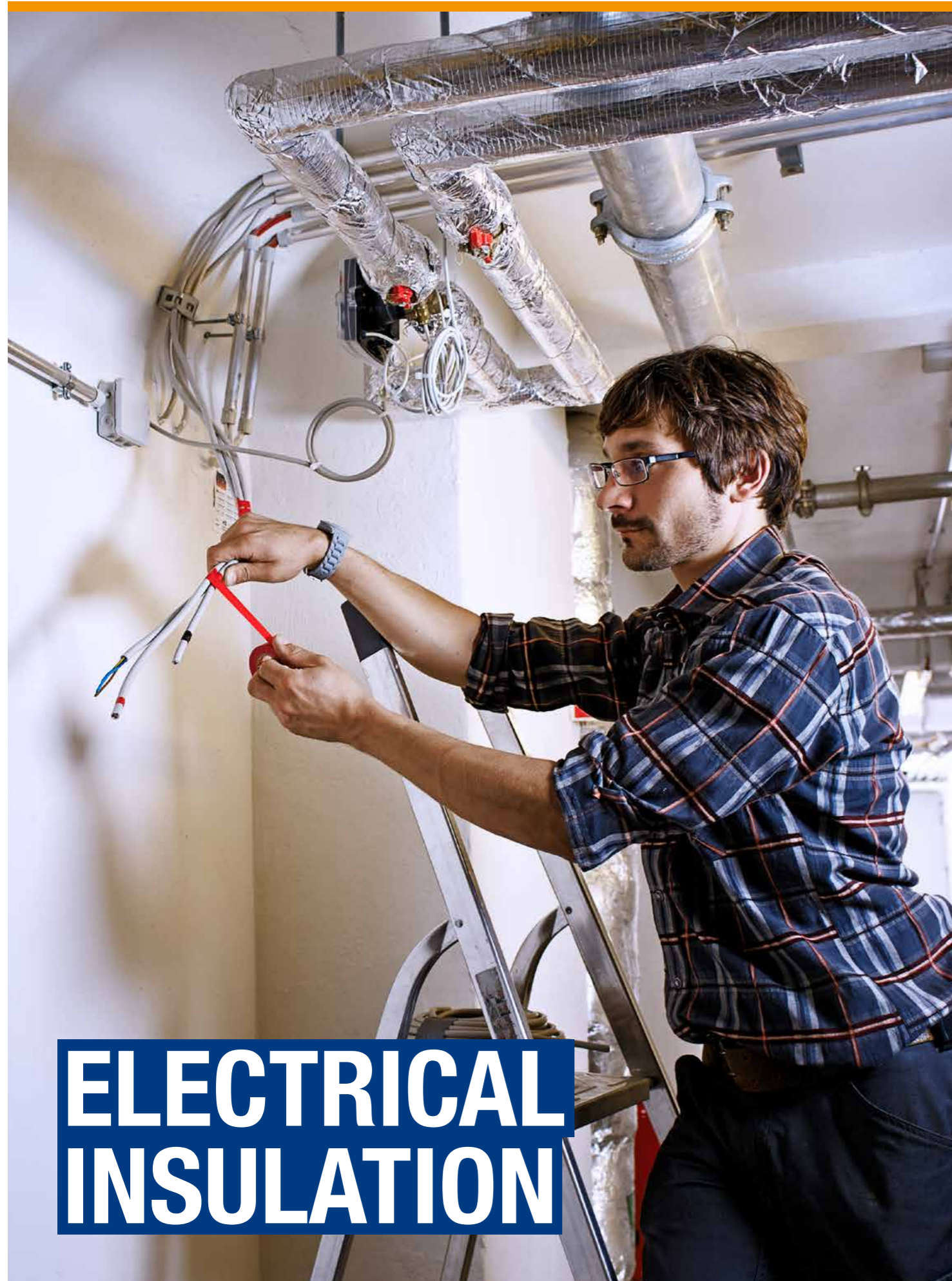
- Suitable for all applications in which a secure grip underfoot is required, e.g. flights of steps, ladders, ramps, cartrailers, scaffolding etc.
- Fluorescent: stays bright for a long period for safety and warning purposes in dark rooms
- Transparent: make valuable surfaces such as wooden stairs, for example, safe unobtrusively

**Product Features**

- Very high adhesive strength
- Pronounced anti-slip effect for up to 2 years
- Especially resistant to abrasion, strong and sturdy
- Resistant to UV, temperature, (salt) water and detergents
- tesa® 60953 glows in the dark

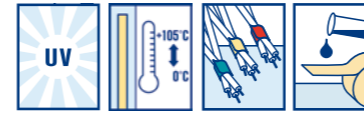


| Technical Data          |     | Sizes and Packaging |                              |              |                 |
|-------------------------|-----|---------------------|------------------------------|--------------|-----------------|
| Total thickness [µm]    | 180 | tesa                | Colours                      | m:mm         | Content IP/Box  |
| Adhesion/Steel [N/cm]   | 10  | 60950               | ■ black                      | 15:25/50/100 | 6/36, 3/18, 3/9 |
| Elongation at break [%] | 200 | 60951               | ■ yellow/black               | 15:50        | 3/18            |
|                         |     | 60952/60953         | □ transparent/ □ fluorescent | 15:25        | 6/36            |



# ELECTRICAL INSULATION

4163 tesaflex®



**Application**

- For insulation, marking, bundling, repairing, splicing and many other applications

**Product Features**

- UV stable acrylic adhesive, suitable for permanent applications
- Temperature resistant up to 105 °C
- Dielectric breakdown voltage 7000 V



| Technical Data          |      | Sizes and Packaging |        |       |       |       |       |
|-------------------------|------|---------------------|--------|-------|-------|-------|-------|
| Total thickness [µm]    | 130  | m:mm                | 33:15  | 33:19 | 33:25 | 33:30 | 33:50 |
| Adhesion/Steel [N/cm]   | 1.8  | Pcs. IP/Box         | 10/120 | 5/120 | 6/72  | 5/60  | 3/36  |
| Dielectric strength [V] | 7000 |                     |        |       |       |       |       |
| Elongation at break [%] | 250  | Colours             |        |       |       |       |       |



53948 tesaflex® IMQ/SEMKO



**Application**

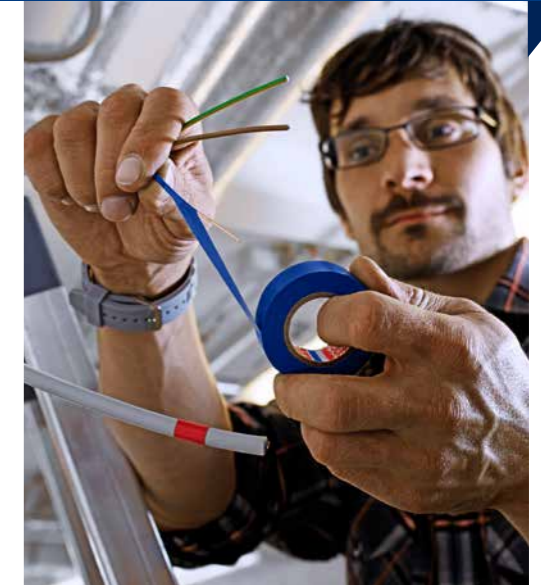
- Specially formulated self extinguishing plasticised PVC tape
- For wire and cable insulation, masking, bundling, repairing, splicing and many other applications

**Product Features**

- Good flexibility and adhesion also at lower temperatures
- Temperature-resistant up to 90 °C
- Dielectric breakdown voltage 5000 V
- Certified by VDE, IMQ and Semko according to ICE regulation 60454-3-1
- Insulation tape according to the IEC regulations
- Flame retardant



| Technical Data          |      | Sizes and Packaging |        |        |        |       |       |
|-------------------------|------|---------------------|--------|--------|--------|-------|-------|
| Total thickness [µm]    | 130  | m:mm                | 10:15  | 20:19  | 25:19  | 25:25 | 25:50 |
| Adhesion/Steel [N/cm]   | 2.7  | Pcs. IP/Box         | 10/250 | 10/160 | 10/160 | 8/128 | 4/64  |
| Dielectric strength [V] | 5000 |                     |        |        |        |       |       |
| Elongation at break [%] | 260  | Colours             |        |        |        |       |       |



4252 tesa® General Purpose



**Application**

- Suitable for temporary applications

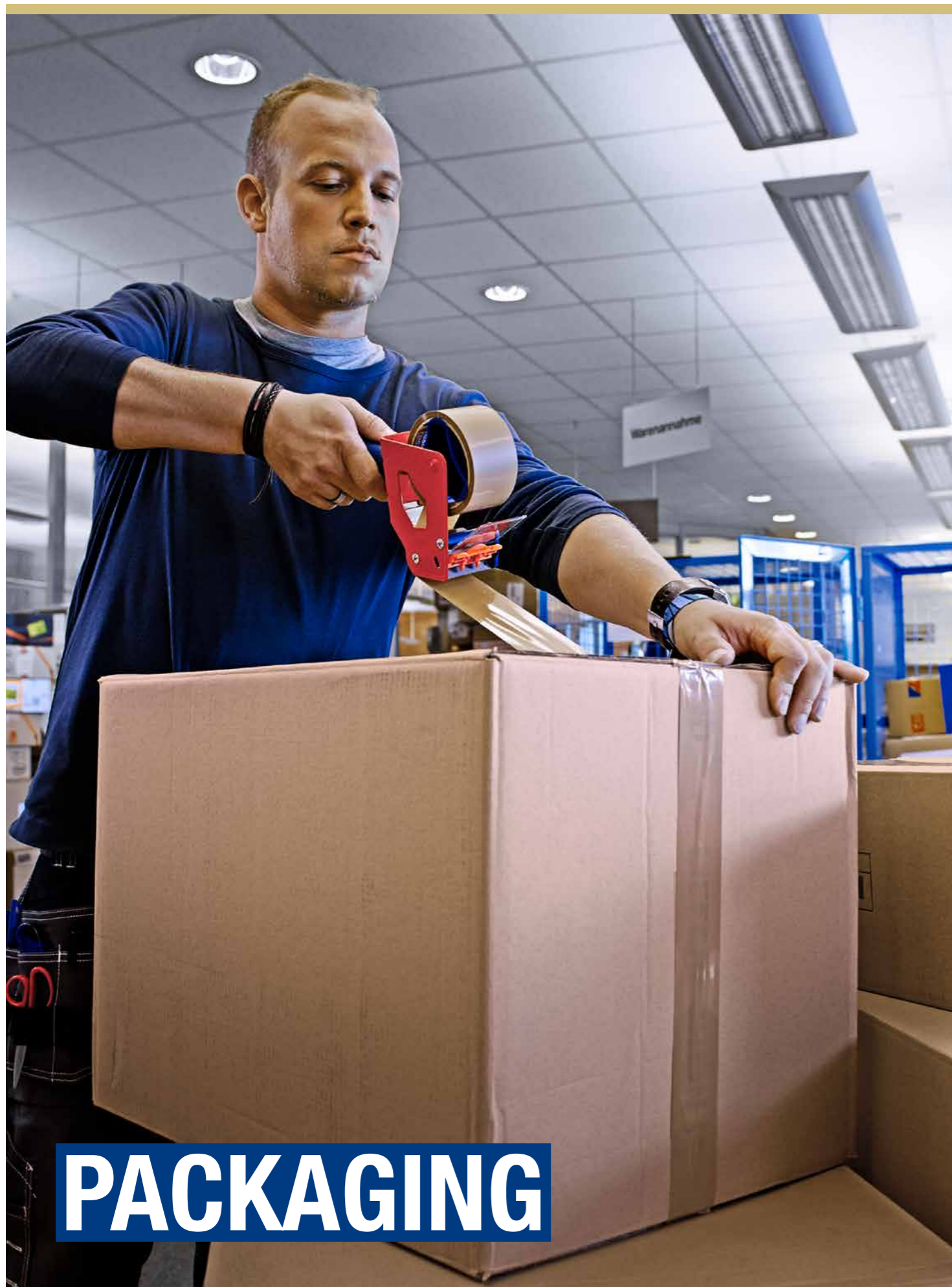
**Product Features**

- Assorted colours



| Technical Data          |     | Sizes and Packaging |        |        |        |       |
|-------------------------|-----|---------------------|--------|--------|--------|-------|
| Total thickness [µm]    | 120 | m:mm                | 10:15  | 20:19  | 33:19  | 33:25 |
| Adhesion/Steel [N/cm]   | 2.8 | Pcs. IP/Box         | 10/120 | 10/250 | 10/160 | 8/128 |
| Elongation at break [%] | 180 | Colours             |        |        |        |       |





**PACKAGING**

4124 tesa® Premium Packaging PVC Tape



**Application**

- High performance PVC tape for packaging and bundling of heavy goods

**Product Features**

- Excellent adhesion on different grades of cardboard
- Silent and smooth unwinding
- Thick tape allows comfortable handling and perfect appearance on the box
- Natural rubber adhesive ensures good performance under different weather conditions



| Technical Data          |     | Sizes and Packaging |   |
|-------------------------|-----|---------------------|---|
| Total thickness [µm]    | 65  | m:mm                | 66:50   |
| Adhesion/Steel [N/cm]   | 3.2 | Pcs. IP/Box         | 6/36  |
| Elongation at break [%] | 60  | Colours             | <input type="checkbox"/> <input type="checkbox"/> |



4100 tesa® Comfort Packaging PVC Tape



**Application**

- Universally applicable
- Especially suited to sealing of medium-weight shipping boxes

**Product Features**

- Embossed film texture
- Rolls off quietly and evenly
- Suitable for machining work and for use with all common hand rollers



| Technical Data          |     | Sizes and Packaging |   |
|-------------------------|-----|---------------------|---|
| Total thickness [µm]    | 65  | m:mm                | 66:50   |
| Adhesion/Steel [N/cm]   | 2.2 | Pcs. IP/Box         | 6/36  |
| Elongation at break [%] | 75  | Colours             | <input type="checkbox"/> <input type="checkbox"/> |



4024 tesa® Universal Packaging PP Tape



**Application**

- Good performance PP tape for closure of light to medium weight cartons

**Product Features**

- Good adhesion on cardboard due to high tack adhesive
- Silent unwind
- Solvent free acrylic adhesive with excellent aging resistance



| Technical Data          |     | Sizes and Packaging |   |
|-------------------------|-----|---------------------|---|
| Total thickness [µm]    | 52  | m:mm                | 66:50   |
| Adhesion/Steel [N/cm]   | 3   | Pcs. IP/Box         | 6/36  |
| Elongation at break [%] | 140 | Colours             | <input type="checkbox"/> <input type="checkbox"/> |



# HINTS AND TIPS



## General information

In construction, there is a large number of jobs requiring masking tapes. The requirements of these jobs are very different.

In one case, for example, masking is required for exterior plastering work which may take weeks and stresses tapes with sharp tools and chemical-aggressive plaster. In another case, for example when applying wall glazes, just simple protection against splashes is required for a short period. In another case again, rugged adhesive tapes are required which do not tear upon removal even e.g. when thick floor coatings are applied.

It is obvious that one individual product cannot satisfy every requirement and that in some cases, application-specific adhesive tapes need to be used.

It is often a false economy to use any old adhesive tape, because this frequently results in complaints and extra work or rework at a later date. Not only the right product but also the right application are important to ensure perfect results.

In this chapter, we would like to give you clear guidance to achieve optimal results in nearly all situations.

These four main principles have to be considered.

## 1 Selecting the right product

### Interior or exterior use

Usage of tapes outdoors requires significantly higher product performance. For example, the tape has to be weather-resistant and has to be durable to UV radiation and moisture, so that no adhesive residues remain and tape does not tend to keep tearing upon removal. tesa® Professional outdoor tapes can be easily identified by icons.

### Time of usage

The time of usage is likewise an important point when selecting a product, since virtually all adhesive tapes adhere with greater strength, as adhesion time increases. The maximum time of usage – i.e. the time after which the product in question can still be removed without difficulty – is limited depending on the type of adhesive tape. If the time of usage is exceeded, the risk of resulting residues or the substrate being damaged when the tape is removed increases significantly.

Note: All tesa products quote the time of usage on their labels.

### Type of substrate

A number of issues need to be taken into account here:

#### – Smooth, rough or textured

The rougher a substrate, the less surface is available for bonding and therefore, stronger/thicker the layer of adhesive compound needs to be.

#### – Surface strength

The strength of the substrate needs to be greater than the adhesive strength of the adhesive tape, so that no damage is caused when the tape is removed. Typical surfaces with low strength are for example wallpaper, old or strongly weathered coatings, coatings with non-proper priming. If one has any doubts about surface strength a sensitive product should be used.

#### – Material

Principally, easy substrates: lacquered surfaces, wood, metal etc.  
Difficult to adhere substrates: e.g. silicone sealings, some plastics  
Remark: For further details on the wide variety of different materials, please visit our website [www.tesa.com](http://www.tesa.com)

### Durability required

The requirement for durability in masking solutions varies depending on the type of work. Normal painting work does not put adhesive tapes under much mechanical strain, but work involving a plaster or filler, in particular, demand filmic or cloth products which, unlike paper adhesive tapes, do not immediately give up on contact with a trowel, mortar and water.

### Precision required

The quality of the masking result, i.e. the desired precision of the paint edge, is relevant when selecting a masking tape. Depending on the application (example: simple floor masking when painting a wall or sharp edges within lacquering with two or more colors), and on your own or the customer's requirements, you should select a product from the Precision Mask® range or one from the standard range

## 2 Applying it properly

### Application on clean surface

The prerequisite for secure adhesion is generally a surface which is free of dust, moisture, grease, oil or other contaminations. (Traces of) silicone and waxes (e.g. from polishes) also reduce adhesion reliability.

### Press on properly

For an optimum masking result, i.e. accurate, clean paint edges with no paint bleeds, the adhesive tape should be pressed on firmly when it is applied.

### Temperature

Applying:  
Adhesive tapes should only be applied at temperatures between 5 and 40 °C\*. At lower temperatures, adhesion on application drops significantly. What is more, ease of handling be affected by the increased unrolling force.

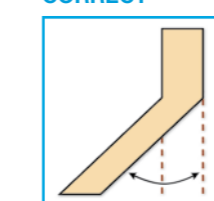
\* An exception is tesa® 4843 Premium Plastering Tape Orange, which can be applied and removed as low as 0 °C.

## 3 Taking it off properly

### Correct angle

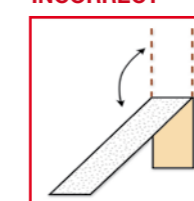
Ideally the tape should be peeled off at an acute angle to the substrate. The risk of residues resulting is least at an angle of approx. 45° to 90°. If the peel-off angle is wider as 90°, the risk of residues remaining on the surface increases.

### CORRECT



Ideal peel-off angle (approx. 45°)

### INCORRECT



Peel-off angle is too great. Risk of adhesive compound residues.

### Slowly and steadily

Adhesive tapes should always be pulled off slowly, steadily and never in jerks. This will provide the lowest risks that residues or tearing occur.

### Temperature

The temperature of the substrate should be not below 5 °C, as the backing and the adhesive compound become brittle at low temperatures (see above). This makes the tape more likely to tear and increases the risk of adhesive compound residues.

### Not exceeding usage time

Ideally you should remove adhesive tapes immediately while the paint is touch-dry, but before it is fully dry.

## 4 Storing it properly

The same applies to adhesive tapes as applies to most other objects – correct storage maintains quality. The main factors influencing the age of adhesive tapes is temperature as well as storage time.

### Storage temperature

Adhesive tapes age much more quickly at an elevated storage temperature. We particularly warn against storing tapes behind windows. High temperatures and UV light there can easily cause adhesive tapes to sustain damages (reduction of adhesion, resulting in a tendency to leave residues when tape is removed).

### Storage time

An adhesive tape which has been stored incorrectly or for too long may cause damages to the taped surface. Cold or over-hot rolls of adhesive tape should be acclimatized to ambient temperature before being applied. This should be taken into account when adhesive tapes are stored in frosty or hot conditions – in construction site vehicles for example. Ideal storage conditions, avoid high humidity and sun light, with temperatures not exceeding 25 °C. For optimal results, it is recommended to use masking tapes within two years of purchase