

# product information

## tesa® 4174

### Fine line tape for design painting

tesa® 4174 is a flexible, temperature resistant PVC fineline masking tape with a rubber adhesive for a wide range of design painting requirements

- no shrinking at high temperatures
- conforms to the dimensional change during oven-drying
- no edge lifting off and removable without leaving any residues
- good conformability to multi dimensional surfaces

### Main Application

- Lacquering work
- For masking of plastic parts and fine lines
- For sharp and flat paint edges
- For wide range of fineline applications

### Technical Data

|                     |                |                                    |         |
|---------------------|----------------|------------------------------------|---------|
| ▪ Backing material  | PVC film       | ▪ Elongation at break              | 200 %   |
| ▪ Total thickness   | 110 µm         | ▪ Tensile strength                 | 25 N/cm |
| ▪ Type of adhesive  | natural rubber | ▪ Temperature resistance (PP-EPDM) | 150 °C  |
| ▪ Adhesion to steel | 3.7 N/cm       | ▪ Temperature resistance (paint)   | 150 °C  |

### Properties

|                            |      |                        |      |
|----------------------------|------|------------------------|------|
| ▪ Hand tearability         | ●●●● | ▪ Powerwash resistance | ●●●● |
| ▪ Easy to remove           | yes  | ▪ Conformability       | ●●●● |
| ▪ Suitable for die cutting | yes  | ▪ Flame retardant      | ●●●● |
| ▪ Paint anchorage          | ●●●● |                        |      |
| ▪ Sharp colour edge        | ●●●● |                        |      |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

### Additional Information

tesa® 4174 in small width (<10mm): adhesion to steel = 2,4N/cm.

tesa® 4174 is also available for converting and die-cutting with a paper liner 4174 PV4: adhesion to steel = 4,4N/cm, peel off force from liner = 14 cN/cm.

Also available as customized die cuts upon request as tesa® 54174

For latest information on this product please visit <http://l.tesa.com/?ip=04174>

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