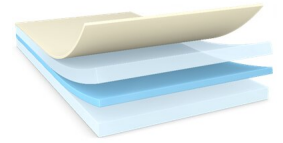




# tesa<sup>®</sup> 58372

## Product Information



50µm double sided PET flame retardant tape

## Product Description

tesa<sup>®</sup> 58372 is a translucent, double-sided PET tape equipped with flame retardant tackified acrylic adhesive. The white/red logo glassine liner ensures it can be easily released without adhesive residue.

## Product Features

- Thickness: 50µm
- Flame retardant per UL 94 VTM-0 level
- Good bonding performance
- High long-term reliability and aging resistance
- Good handling performance in converting process
- Conforming to RoHS, REACH
- Halogen-free
- Its ultra thinner PET backing offers excellent converting performance for purpose of lamination.
- The flame retardant acrylic adhesive gives this product unique anti-flaming property, and also a good bonding performance even after long-term storage conditions.

## Application Fields

tesa<sup>®</sup> 58372 can be introduced for EV battery pack sealing when it laminated with foam to meet the flame retardant target for E-mobility market. It is also used for general mounting applications especially in the EV battery system and the other environment in automotive industry when it comes with anti-flaming requirement.

## Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

## Product Construction

- |                    |                   |                      |                     |
|--------------------|-------------------|----------------------|---------------------|
| • Backing          | PET film          | • Color              | translucent         |
| • Type of adhesive | tackified acrylic | • Color of liner     | white/red logo      |
| • Type of liner    | glassine          | • Thickness of liner | 69 µm               |
| • Total thickness  | 50 µm             | • Weight of liner    | 80 g/m <sup>2</sup> |

## Properties/Performance Values

- |                                   |      |                                    |        |
|-----------------------------------|------|------------------------------------|--------|
| • Humidity resistance             | good | • Temperature resistance long term | 125 °C |
| • Static shear resistance at 23°C | good |                                    |        |

For latest information on this product please visit <http://l.tesa.com/?ip=58372>



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## Product Information

### Adhesion to Values

• ABS (initial)	5.1 N/cm	• PC (after 3 days)	7.3 N/cm
• ABS (after 3 days)	7.1 N/cm	• PI (initial)	5.9 N/cm
• Aluminium (initial)	6.3 N/cm	• PI (after 3 days)	7.4 N/cm
• Aluminium (after 3 days)	6.8 N/cm	• Steel (initial)	7.1 N/cm
• ASTM (initial)	7.1 N/cm	• Steel (after 3 days)	8.5 N/cm
• PC (initial)	6.3 N/cm		

### Disclaimer

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