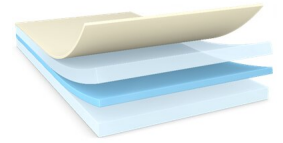


# tesa® 58372

## Product Information



50µm double sided PET flame retardant tape

## Product Description

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

## 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 |                                    |        |

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