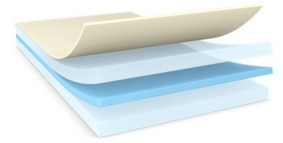




tesa[®] 58372

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 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 material | PET film | • Colour | translucent |
| • Type of adhesive | tackified acrylic | • Colour of liner | white/red logo |
| • Type of liner | glassine | • Thickness of liner | 69 µm |
| • Total thickness | 50 µm | • Weight of liner | 80 g/m ² |

Properties/Performance Values

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

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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