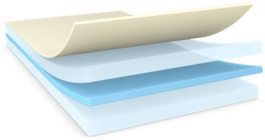
tesa® 58372

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 foamto 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
- Type of adhesive: tackified acrylic
- Type of liner: glassine
- Total thickness: 50 µm
- Colour: translucent
- Colour of liner: white/red logo
- Thickness of liner: 69 µm
- Weight of liner: 80 g/m^2

Properties/Performance Values

- Humidity resistance: good
- Static shear resistance at 23°C: good
- Temperature resistance long term duration: 125 °C

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

Disclaimer

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