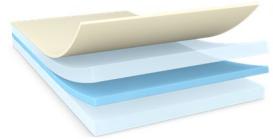


tesa® 58372

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		

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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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