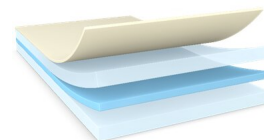




tesa® 58372

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		



tesa[®] 58372

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

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.