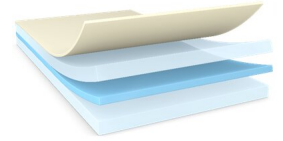




tesa® 58372

Product Information



50µm/2 mil 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 flame retardant acrylic adhesive gives this product unique anti-flaming property, and also a good bonding performance even after long-term storage conditions. Its ultra thinner PET backing offers excellent converting performance for purpose of lamination. The white/red logo glassine liner ensures it can be easily released without adhesive residue.

Key features of tesa® 58372:

- Thickness: 50µm/2 mil
- 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

Product Features

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- 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.



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Product Information

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 2 mils	• Weight of liner	2.7 mils 80 g/m ²

Properties/Performance Values

• Humidity resistance	good	• Temperature resistance long term	125 °C 257 °F
• Static shear resistance at 23°C	good		

Adhesion to Values

• ABS (initial)	5.1 N/cm 46.6 oz/in	• PC (after 3 days)	7.3 N/cm 66.7 oz/in
• ABS (after 3 days)	7.1 N/cm 64.9 oz/in	• PI (initial)	5.9 N/cm 53.9 oz/in
• Aluminium (initial)	6.3 N/cm 57.6 oz/in	• PI (after 3 days)	7.4 N/cm 67.6 oz/in
• Aluminium (after 3 days)	6.8 N/cm 62.1 oz/in	• Steel (initial)	7.1 N/cm 64.9 oz/in
• ASTM (initial)	7.1 N/cm 64.9 oz/in	• Steel (after 3 days)	8.5 N/cm 77.7 oz/in
• PC (initial)	6.3 N/cm 57.6 oz/in		



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Product Information

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