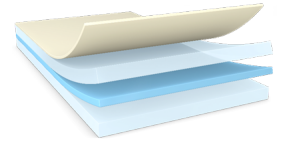




tesa[®] 58372

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

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	• Color	translucent,
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Color of liner	transparent, optically clear
• Type of liner	glassine	• Thickness of liner	white/red logo
• Total thickness	50 µm 2 mils	• Weight of liner	69 µm 2.7 mils 80 g/m ²



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Product Information

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 | | |

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=58372>