

Technical Product Data Sheet

tesa® 58375



tesa® 58375 is a translucent, 130µm conformable, PET-Non-woven, flame retardant tape. It has especially been developed for power battery demanding mounting, lamination and converting applications with a flame retardant property as added value. Due to its non-flammable property it is particularly designed to meet the power battery automobile requirement.

Nominal Values

Backing PET Non-Woven

Backing Thickness 0,069 mm

Adhesive Type Acrylic, flame-retardant

Total Thickness 0,130 mm

Color Clear (00)

Liner White, siliconized Paper, with red logo

Adhesion to Steel 20,00 N/25 mm

Dielectric Strength 3200 V

Length 100 m, other lengths upon request

Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1250

mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 12 months.

Effective 16 March 2021







We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the









DE-79227 Schallstadt



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Applications

• Applied in power battery or any lamination application (heating plate mounting, etc) where additional flame retardant properties are required

Benefits

- Flame retardant UL94 VTM-0 equivalent
- Very good conformability to uneven shapes during lamination
- Excellent adhesion to common substrates in power battery
- Excellent die-cutting properties due to non-woven backing

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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