

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	flame-retardant, Acrylic
Total Thickness	0,130 mm
Color	Clear (00)
Liner	white, siliconized Paper, with red logo
Adhesion to Steel (N/25mm)	20,00 N/25 mm
Breakdown Voltage (Veff VDE 0303)	3200 V
Temperature Resistance	-40°C to 125°C
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

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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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