tesa® 58377

Product Information

50µm Single-Sided Black Flame-Retardant PET Tape

Product Description

tesa® 58377BK is a 50µm Single-Sided Black Flame-Retardant PET Tape. It is equipped with flame retardant acrylic and a black PET backing. Its PE coated liner also ensures good convertability.

Product Features

- Outstanding flame retardancy performance (VTM 0) according to UL94
- Very good electrical insulation property
- Reliable adhesion strength on polar substrate
- Friendly to converting process

Application Fields

- Electrical insulation in Battery system with additional flame retardant property (VTM 0)
- Wrapping or encapsulation

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	Total thickness	50 µm
Type of adhesive	FR acrylic	Thickness of liner	140 µm
Type of liner	PE-coated paper		

Properties/Performance Values

Elongation at break	88 %	Temperature resistance long term	70 °C
Dielectric breakdown voltage	4500 V		
Static shear resistance at 23°C	good	Temperature resistance short term	125 °C

Adhesion to Values

Aluminium (initial)	5 N/cm	ASTM (initial)	6 N/cm
Aluminium (after 14 days)	6.2 N/cm	ASTM (after 14 days)	6.8 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=58377

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