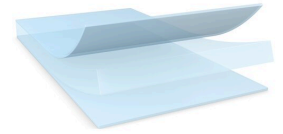


tesa® 58357

Product Information



is a 100µm single-sided transparent PET filmic tape.

Product Description

The tackified acrylic adhesive gives this product a very good peel strength and outstanding anti-repulsion property during lifetime. The 50µm transparent PET filmic backing offers excellent electrical insulation property. The PET liner ensures outstanding ability of converting. It can also meet the strict automotive environmental and long-term durability requirement.

Product Features

- Excellent electrical insulation property along with battery lifetime.
- Very good peel strength on polar substrate.
- Outstanding anti-repulsion performance on edge.
- Good for converting or die-cutting process.

Application Fields

- Electrical insulation with anti-repulsion property.

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	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	transparent
• Type of liner	PET	• Thickness of liner	36 µm
• Total thickness	100 µm		

Properties/Performance Values

• Elongation at break	130 %	• Temperature resistance	very good
• Tensile strength	70 N/cm	• Temperature resistance (-40°C)	good
• Breakdown voltage	9 KV	• Temperature resistance (125°C)	good
• Dielectric strength	90 kV/mm	• Temperature resistance max.	120 °C
• Static shear resistance at 23°C	good	• Temperature resistance min.	-40 °C

Adhesion to Values

• Aluminium (initial)	5.9 N/cm	• PET (initial)	4.1 N/cm
• Aluminium (after 14 days)	9.2 N/cm	• PET (after 3 days)	7.9 N/cm
• PC (initial)	6 N/cm	• Steel (initial)	6.8 N/cm
• PC (after 3 days)	6.8 N/cm	• Steel (after 14 days)	10 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=58357>

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