

tesa® 4939

Product Information



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	cloth	• Total thickness	235 µm
• Type of adhesive	synthetic rubber	• Color	white
• Type of liner	glassine	• Color of liner	brown

Properties/Performance Values

• Elongation at break	25 %	• Static shear resistance at 40°C	good
• Tensile strength	38 N/cm	• Static shear resistance at 70°C	medium
• Ageing resistance (UV)	medium	• Tack	very good
• Chemical resistance	good	• Temperature resistance long term	40 °C
• Humidity resistance	good	• Temperature resistance short term	80 °C

Adhesion to Values

• PE (initial)	2.5 N/cm	• PP (covered side, after 14 days)	5 N/cm
• PE (after 14 days)	2 N/cm	• PP (covered side, initial)	6.5 N/cm
• PE (covered side, after 14 days)	5 N/cm	• Steel (initial)	7.5 N/cm
• PE (covered side, initial)	4.5 N/cm	• Steel (after 14 days)	5.5 N/cm
• PP (initial)	4.5 N/cm	• Steel (covered side, after 14 days)	8 N/cm
• PP (after 14 days)	2.5 N/cm	• Steel (covered side, initial)	9 N/cm

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