



tesa® 70440

Product Information

400µm/15.8 mils double sided white Bond & Detach tape

Product Description

tesa® 70440 is a double-sided mounting tape which can be removed by stretching the adhesive in the bond plane (stripping).

tesa® 70440 features:

- Thickness: 400µm/15.8 mils
- Very high bonding strength
- Superior push out and shock resistance
- Easy removability even after long bonding time by stretching the adhesive

Application Fields

- Temporary fixation of components in electronic devices during the production process
- Permanent mounting of components in electronic devices with the option to remove the parts for repairing or recycling

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	none	• Color	white
• Type of adhesive	specialty	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	72 µm
• Total thickness	400 µm		2.8 mils
	15.7 mils		

Properties/Performance Values

• Removability after 14 days (23°C)	very good	• Static shear resistance at 40°C	very good
• Residue-free removability	yes	• Temperature resistance long term	60 °C
• Solvent free	yes		140 °F
• Static shear resistance at 23°C	very good	• Temperature resistance short term	90 °C
			194 °F



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Adhesion to Values

• Aluminium (initial)	14 N/cm 127.9 oz/in	• PE (initial)	10 N/cm 91.4 oz/in
• Aluminium (after 14 days)	14 N/cm 127.9 oz/in	• PE (after 14 days)	10 N/cm 91.4 oz/in
• Magnesium (initial)	13 N/cm 118.8 oz/in	• Steel (initial)	22 N/cm 201 oz/in
• Magnesium (after 14 days)	13 N/cm 118.8 oz/in	• Steel (after 14 days)	22 N/cm 201 oz/in

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=70440>