

tesa® 6411

Product Information



1100µm black double-sided acrylic foam tape

Product Description

tesa® 6411 is a double-sided acrylic foam tape in black color, it is a triple-layer symmetrically designed product, coated on both sides with high performance LSE adhesive. It can help eliminate the primer in the process. Its high-performance LSE adhesive creates an excellent tack and initial bonding leading to an efficient and secure bond to parts without primer.

In addition, tesa® 6411 provide a very high level of water proof and its soft and comfortable foam backing also provide excellent repulsion resistance when applying to curve edges. Moreover, tesa® 6411 has the ability to absorb and dissipate dynamic and static loads because of its viscoelastic acrylic foam core.

Product Features

- Excellent bonding performance with LSE substrates
- No primer required
- High initial bonding at various substrate
- Excellent water proof
- Soft and comfortable leading to good repulsion resistance
- Suitable for low temperature operation

LSE: low surface energy

Application Fields

tesa® 6411 is suitable for a wide range of permanent mounting applications. To ensure the highest performance, we need to fully understand application (including the substrates involved) in order to provide the right product recommendation.

Example mounting applications include but not limited to:

- Decorative glass panel mounting
- Plastic panel mounting
- Nameplate and parts mounting
- Painted/powder coated components mounting
- Household products such as hook, deco elements

For latest information on this product please visit <http://l.tesa.com/?ip=6411>

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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	Acrylic foam	• Total thickness	1100 µm
• Type of adhesive	LSE	• Color	black
• Type of liner	PE-coated paper		

Product Assortment

• Available liners	PE, PE-coated paper
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Properties/Performance Values

• Chemical Resistance	good	• Static shear resistance at 70°C	good
• Static shear resistance at 23°C	good	• Tack	very good
• Static shear resistance at 40°C	good		

Adhesion to Values

• ABS (initial)	42 N/cm	• PE (initial)	22 N/cm
• ABS (after 3 days)	46 N/cm	• PE (after 3 days)	28 N/cm
• Aluminium (initial)	44 N/cm	• PP (initial)	29 N/cm
• Aluminium (after 3 days)	48 N/cm	• PP (after 3 days)	31 N/cm
• Glass (initial)	37 N/cm	• Steel (initial)	46 N/cm
• Glass (after 3 days)	47 N/cm	• Steel (after 3 days)	51 N/cm

Storage Conditions

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Tapes should be stored at 4°C to 38°C and 0-95% relative humidity. And an optimum storage conditions are 22°C and 50% relative humidity.

Performance of tapes is not projected to change even after shelf life expires; however, tesa does suggest that tapes are used prior to the shelf life date whenever possible.

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Disclaimer

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