



tesa[®] 63608

Product Information



800µm double sided PE foam tape

Product Description

tesa[®] 63608 is a double sided PE foam tape for mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Product benefits:

- * High ultimate adhesion level for a reliable bonding performance
- * Fully outdoor suitable: UV, water and ageing resistant
- * Conformable PE foam core with high inner strength
- * Suitable for automatic and manual module assembly
- * Easy solar module assembly due to a high foam compression rate

Product Features

- High ultimate adhesion level for a reliable bonding performance
- Fully outdoor suitable: UV, water and ageing resistant
- Conformable PE foam core with high inner strength
- Suitable for automatic and manual module assembly
- Easy solar module assembly due to a high foam compression rate
- It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Application Fields

- Solar module frames
- * Mounting of trims and profiles
- * General mounting applications



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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	PE foam	• Total thickness	800 µm
• Type of adhesive	tackified acrylic	• Color	black/white

Properties/Performance Values

• Elongation at break	180 %	• Static shear resistance at 23°C	good
• Tensile strength	12 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	good
• Humidity resistance	very good	• Temperature resistance long term	80 °C
• Softener resistance	medium	• Temperature resistance short term	80 °C

Adhesion to Values

• ABS (initial)	7.5 N/cm	• PET (after 14 days)	11 N/cm
• ABS (after 14 days)	11 N/cm	• PP (initial)	1.5 N/cm
• Aluminium (initial)	7 N/cm	• PP (covered side, after 14 days)	11 N/cm
• Aluminium (after 14 days)	11 N/cm	• PS (initial)	7.5 N/cm
• PC (initial)	7.5 N/cm	• PS (after 14 days)	11 N/cm
• PC (after 14 days)	11 N/cm	• PVC (initial)	5 N/cm
• PE (initial)	0.9 N/cm	• PVC (after 14 days)	11 N/cm
• PE (after 14 days)	1.2 N/cm	• Steel (initial)	11 N/cm
• PET (initial)	7.5 N/cm	• Steel (after 14 days)	11 N/cm

Additional Information

Liner variants:

* PV20 brown glassine paper /blue tesa logo

* PV50 transparent PET film

* PV15 blue PE film

Peel Adhesion:

For latest information on this product please visit <http://l.tesa.com/?ip=63608>



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Additional Information

* immediately: foam splitting on steel

* after 14 days: foam splitting on steel, ABS, Aluminium, PC, PET, PS, PVC

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=63608>