



tesa® 87503

Product Information



Product Description

tesa® 87503 Series foam tape consists of a closed cell irradiation cross-linked polyethylene foam backing with an acrylic adhesive on one side. The closed cell foam makes it suitable for keeping out dust and water, while the acrylic adhesive allows for easy application to various surface materials and provides high resistance to environmental factors such as humidity, temperature and UV light. tesa® 87503 is conformable and suitable for use on uneven surfaces

Product Features

- Foam density 28 kg/m³ according to ASTM D792.
- Foam 25% compression strength: 40 kPa according to ASTM D1056.
- Flame retardant according to FMVSS 302.

Application Fields

tesa® 87503 foam tape is an ideal solution for a variety of sealing, insulating, cushioning & gap filling applications in general industrial markets. Other application includes:

- Draught and dust sealing on doors and windows.
- Sealing and noise dampening between office partitions and walls or ceilings.
- Vibration dampening in appliances.
- Dust and insect filter on lights.

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 | 3 mm |
| • Type of adhesive | tackified acrylic | • Color | grey |
| • Type of liner | coated paper | | |

Product Assortment

- Available thicknesses 3mm, 6mm, 10mm, 12mm

Properties/Performance Values

- | | | | |
|-----------------------|---------|------------------------------------|------------|
| • Elongation at break | 5 % | • Temperature resistance max. | 80 °C |
| • Tensile strength | 20 N/cm | • Thermal conductivity z-direction | 0.035 W/mK |
| • Hardness - Shore 00 | 50 STK | | |



tesa[®] 87503

Product Information

Adhesion to Values

• PVC (initial)	3 N/cm	• Steel (initial)	4 N/cm
• PVC (after 14 days)	5 N/cm	• Steel (after 14 days)	5 N/cm

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=87503>