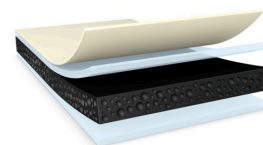




tesa® 73816

Product Information



300µm double sided acrylic foam tape

Product Description

tesa® 73816 is a black double-sided tape consisting of a high shock absorbing acrylic foam backing and easy activation adhesive on both sides.

Product Features

- Excellent bonding performance on rough substrate under low pressure
- Good inner force resistance under harsh environments
- High impact resistance
- Good anti-repulsion performance
- High sealing ability with superior waterproofness (IPX8)

Application Fields

- Demanding lens or screen and back cover mounting applications with high requirements for impact resistance.
- Mounting of components with critical demand on impact resistance, e.g. speaker, battery
- Mounting of waterproof designs, e.g. Camera lens mounting
- Mounting of 3D curved or ultra slim bezel designs.

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 | • Color | black |
| • Type of adhesive | tackified acrylic | • Color of liner | transparent |
| • Type of liner | PET film | • Thickness of liner | 50 µm |
| • Total thickness | 300 µm | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-----------------------------------|-----------|
| • Static shear resistance at 23°C | very good | • Static shear resistance at 40°C | very good |
|-----------------------------------|-----------|-----------------------------------|-----------|

Adhesion to Values

- | | | | |
|------------------------|-----------|------------------------|-----------|
| • Glass (initial) | 16.3 N/cm | • PC (after 3 days) | 26.1 N/cm |
| • Glass (after 3 days) | 17.9 N/cm | • Steel (initial) | 16.2 N/cm |
| • PC (initial) | 15.7 N/cm | • Steel (after 3 days) | 18.1 N/cm |



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