

tesa® ACX^{plus} 62680

E-Line



product information

32 mil double-sided acrylic foam tape

tesa® ACX^{plus} 62680 is a deep black acrylic foam tape especially developed for mounting of various components like glass, aluminium and plastics to inner and outer parts of electronic devices like TVs, monitors, large area displays, etc.

Visco-elastic properties of tesa® ACX^{plus} 62680 are optimally adjusted to absorb and dissipate dynamic and static loads, which are caused by different thermal expansion rates of the materials during the entire product life span.

Features:

- Visco-elastic acrylic foam core which compensates different thermal expansion rates of bonded parts
- Superior wetting even of rough surfaces to enhance very high initial and ultimate adhesion
- Deep black color over entire product thickness provides light blocking properties
- Closed-cell acrylic foam core for reliable sealing and cushioning
- High humidity-, UV- and solvent resistance
- No toluene, halogene certified, RoHS compliant

Main Application

Inner and outer permanent mounting of electronic parts:

- Fixation of glass, metal or plastic decoactive frame to the bezel of TV, monitors and large area displays
- Mounting of full glass front to the bezel or module chassis
- Assembly of structural or decorative components
- Mounting of decorative surfaces to the stand

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

- | | | | |
|--------------------|----------------|--------------------|-------------------|
| • Backing material | foamed acrylic | • Total thickness | 800 µm |
| • Color | black | • Type of adhesive | tackified acrylic |

Adhesion to

- | | | | |
|-------------------|--------------------------|------------------------|--------------------------|
| • Steel (initial) | 18.0 N/cm
164.5 oz/in | • Steel (after 3 days) | 30.0 N/cm
274.1 oz/in |
|-------------------|--------------------------|------------------------|--------------------------|

Properties

- | | | | |
|--------------------------|------|-----------------------|------|
| • Ageing resistance (UV) | ●●●● | • Humidity resistance | ●●●● |
|--------------------------|------|-----------------------|------|

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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Additional Information

PV 24 = Blue siliconised HDPE filmic liner

PV 25 = White siliconised PE-coated paper liner

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.



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