

tesa® ACX^{plus} 7066



Product Information

ACX^{plus} High Adhesion 1500 µm

tesa® ACX^{plus} 7066 is a black acrylic foam tape.

It consists of a high-performance acrylic system and is primarily characterised by its bonding power, stress dissipation and its temperature and weather resistance.

Due to its unique formulation it combines a very high adhesion level with a very good resistance against plasticiser migration. It is especially designed for the bonding of “hard-to-bond-materials” such as powder coatings or plastic materials. Even for combinations of such materials with all kind of metals, or metal/metal bonding, it offers a convenient solution due to high process safety.

The visco-elastic, foamed acrylic core compensates different thermal elongation of bonded parts. The product provides a very high immediate tack and peel adhesion.

Main Application

Bonding of hard-to-bond materials such as

- Bumper rails
- Powder coated blades and panels
- Air distributaries

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 | • Type of adhesive | tackified acrylic |
| • Colour | deep black | • Elongation at break | 600 % |
| • Total thickness | 1500 µm | | |

Adhesion to

- | | | | |
|----------------------------|-----------|------------------------|-----------|
| • Steel (after 3 days) | 45.0 N/cm | • Glass (after 3 days) | 39.0 N/cm |
| • Aluminium (after 3 days) | 40.0 N/cm | • PMMA (after 3 days) | 41.0 N/cm |

Properties

- | | | | |
|-------------------------------------|--------|-----------------------------------|------|
| • Temperature resistance short term | 170 °C | • Resistance to chemicals | ●●●● |
| • Temperature resistance long term | 70 °C | • Softener resistance | ●●●● |
| • Tack | ●●●● | • Static shear resistance at 23°C | ●●●● |
| • Ageing resistance (UV) | ●●●● | • Static shear resistance at 70°C | ●● |
| • Humidity resistance | ●●●● | • T-block | ●●●● |

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

Additional Information

PV 22 = White PE coated paper liner tesa® ACX^{plus} branded

PV 24 = Blue filmic liner

Adhesion values to PMMA, glass and aluminum are not part of the product specification.

For latest information on this product please visit
<http://l.tesa.com/?ip=07066>

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tesa® ACX^{plus} 7066 is recognized according to UL Standard 746C. UL File QOQW2.E309290

Disclaimer

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For latest information on this product please visit
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