

tesa® ACX^{plus} 7065

ACX^{plus} High Adhesion 47 mil

tesa® ACX^{plus} 7065 is a black acrylic foam tape.

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

Due to its unique formulation, it combines a very high adhesion level with excellent resistance against plasticizer migration. It is especially designed for the bonding of “hard-to-bond-materials” such as powder coatings or plastic materials. It offers a convenient solution for the bonding of such materials to metals, 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 Data

| | | | |
|--------------------|----------------------|-----------------------|-------------------|
| ▪ Backing material | foamed acrylic | ▪ Type of adhesive | tackified acrylic |
| ▪ Color | deep black | ▪ Elongation at break | 1000 % |
| ▪ Total thickness | 1200 µm 47.2 mils | | |

Adhesion to

| | | | |
|----------------------------|--------------------------|------------------------|--------------------------|
| ▪ Steel (after 3 days) | 40.0 N/cm 365.4 oz/in | ▪ Glass (after 3 days) | 36.0 N/cm 328.9 oz/in |
| ▪ Aluminium (after 3 days) | 35.0 N/cm 319.8 oz/in | ▪ PMMA (after 3 days) | 35.0 N/cm 319.8 oz/in |

For latest information on this product please visit <http://l.tesa.com/?ip=07065>

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Properties

| | | | |
|-------------------------------------|---------|--------------------------------------|---------|
| ▪ Temperature resistance short term | 170 °C | ▪ Resistance to chemicals | ● ● ● ● |
| | 338 °F | ▪ Softener resistance | ● ● ● ● |
| ▪ Temperature resistance long term | 70 °C | ▪ Static shear resistance at 73,4 °F | ● ● ● ● |
| | 158 °F | ▪ Static shear resistance at 158 °F | ● ● ● ● |
| ▪ Tack | ● ● ● ● | ▪ T-block | ● ● ● ● |
| ▪ Ageing resistance (UV) | ● ● ● ● | | |
| ▪ Humidity resistance | ● ● ● ● | | |

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.

tesa® ACX^{plus} 7065 is recognized according to UL Standard 746C. UL File QQQW2.E309290



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