

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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