TBP Converting, Inc.
Tesa 7066 PDS

TBP Converting, Inc. 400 Thoms Drive Suite 411, Phoenixville, PA 19460 Toll: 800-850-3338 Fax: 610-933-4710
www.tbpconverting.com

productinformation

tesa® ACX^{plus} 7066 High Adhesion

60 mil double-sided acrylic foam tape

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 temperature resistance and weather resistance.

Due to its unique formulation, it combines very high adhesion 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	600 %
Total thickness	1500 µm 59.1 mils		

Adhesion to

Steel (after 3 days)	45.0 N/cm 411.1 oz/in	Glass (after 3 days)	39.0 N/cm 356.3 oz/in
Aluminium (after 3 days)	40.0 N/cm 365.4 oz/in	PMMA (after 3 days)	41.0 N/cm 374.6 oz/in

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Properties

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

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