

tesa® ACX^{plus} 7076



Product Information

ACX^{plus} High Resistance 1500µm

tesa® ACX^{plus} 7076 is a black acrylic foam tape. It consists of a high-performance acrylic system and due to its unique components it combines a very good temperature resistance with an outstanding cold shock resistance up to -40°C. It is designed for demanding outdoor bonding applications especially in combination with the tesa Adhesion Promoters. The visco-elastic, foamed acrylic core compensates different thermal elongation of bonded parts.

Main Application

Bonding of panels and reinforcement bars in the following Industries:

- Solar
- Elevator
- Production Equipment
- Transportation

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	pure acrylic
• Colour	deep black	• Elongation at break	1000 %
• Total thickness	1500 µm		

Adhesion to

• Steel (initial)	14.0 N/cm	• Steel (after 3 days)	35.0 N/cm
• Aluminium (initial)	12.0 N/cm	• Aluminium (after 3 days)	28.0 N/cm
• Glass (initial)	22.0 N/cm	• Glass (after 3 days)	36.0 N/cm

Properties

• Temperature resistance short term	220 °C	• Resistance to chemicals	●●●●
• Temperature resistance long term	120 °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

tesa® ACX^{plus} 7076 is recognised according to UL Standard 746C. UL File QQW2.E309290

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