



TBP Converting, Inc.
Tesa ACX^{plus} 7076 PDS

tesa® ACX^{plus} 7076

ACX^{plus} High Resistance 60 mil

tesa® ACX^{plus} 7076 is a black acrylic foam tape. It consists of a high-performance acrylic system. Due to its unique components, it combines excellent temperature resistance with outstanding cold shock resistance. 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 Data

▪ Backing material	foamed acrylic	▪ Type of adhesive	pure acrylic
▪ Color	deep black	▪ Elongation at break	1000 %
▪ Total thickness	1500 µm 59.1 mils		


Adhesion to

▪ Steel (initial)	14.0 N/cm 127.9 oz/in	▪ Steel (after 3 days)	35.0 N/cm 319.8 oz/in
▪ Aluminium (initial)	12.0 N/cm 109.6 oz/in	▪ Aluminium (after 3 days)	28.0 N/cm 255.8 oz/in
▪ Glass (initial)	22.0 N/cm 201 oz/in	▪ Glass (after 3 days)	36.0 N/cm 328.9 oz/in

Properties

▪ Temperature resistance short term	220 °C 428 °F	▪ Resistance to chemicals	●●●●
▪ Temperature resistance long term	120 °C 248 °F	▪ Softener resistance	●●
▪ Tack	●●	▪ Static shear resistance at 73,4 °F	●●●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 158 °F	●●●●
▪ Humidity resistance	●●●●	▪ T-block	●●●●

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



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Additional Information

PV 22 = White PE coated paper liner tesa® ACX^{plus} branded
PV 24 = Blue filmic liner

tesa® ACX^{plus} 7076 is recognized according to UL Standard 746C. UL File QQQW2.E309290