

tesa® ACX^{plus} 7074

ACX^{plus} High Resistance 1000µm

tesa® ACX^{plus} 7074 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:

- Elevator
- Solar
- Transportation
- Production equipment

Technical Data

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

Adhesion to

▪ Steel (initial)	12.0 N/cm	▪ Steel (after 3 days)	30.0 N/cm
▪ Aluminium (initial)	10.0 N/cm	▪ Aluminium (after 3 days)	25.0 N/cm
▪ Glass (initial)	20.0 N/cm	▪ Glass (after 3 days)	32.0 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} 7074 is recognized according to UL Standard 746C. UL File QQW2.E309290

For latest information on this product please visit <http://l.tesa.com/?ip=07074>

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