

tesa® ACX^{plus} 70740 High Resistance 3,900 µm double-sided acrylic foam tape

tesa® ACX^{plus} 70740 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. It is designed for permanent 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 decorative elements, mainly to overcome design-gaps.
Can be used for example in the following Industries:

- Doors
- Windows
- Transportation
- Production Equipment

Technical Data

▪ Backing material	foamed acrylic	▪ Type of adhesive	pure acrylic
▪ Color	deep black	▪ Elongation at break	1000 %
▪ Total thickness	3900 µm		

Adhesion to

▪ Steel (initial)	16.0 N/cm	▪ Steel (after 3 days)	45.0 N/cm
▪ Aluminium (initial)	15.0 N/cm	▪ Aluminium (after 3 days)	40.0 N/cm
▪ Glass (initial)	25.0 N/cm	▪ Glass (after 3 days)	39.0 N/cm

Properties

▪ Temperature resistance short term	220 °C	▪ Softener resistance	●●
▪ Temperature resistance long term	120 °C	▪ Static shear resistance at 23°C	●●●●
▪ Tack	●●	▪ Static shear resistance at 70°C	●●●●
▪ Ageing resistance (UV)	●●●●	▪ L-jig	●●●●
▪ Humidity resistance	●●●●	▪ T-block	●●●●
▪ Resistance to chemicals	●●●●		

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

Additional Information

PV 24 = Blue filmic liner

For latest information on this product please visit <http://l.tesa.com/?ip=70740>

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