

tesa® ACX^{plus} 7055

ACX^{plus} High Transparency 1000µm

tesa® ACX^{plus} 7055 is a transparent acrylic core tape. It consists of a high-performance acrylic system and is primarily characterised by its Bonding Power, Stress Dissipation and its Temperature and Weather Resistance. Due to the high transparency it is especially suitable for constructive bonding of transparent and translucent materials such as glass or acrylic. The visco-elastic, solid acrylic core compensates different thermal elongation of bonded parts.

Main Application

Bonding of transparent and translucent materials in the following Industries:

- Sign manufacturing
- Deco Glass Panels
- Partition Walls

Technical Data

▪ Backing material	solid acrylic	▪ Type of adhesive	pure acrylic
▪ Color	transparent	▪ Elongation at break	1000 %
▪ Total thickness	1000 µm		

Adhesion to

▪ Steel (initial)	15.0 N/cm	▪ Steel (after 3 days)	24.0 N/cm
▪ Aluminium (initial)	13.0 N/cm	▪ Aluminium (after 3 days)	24.0 N/cm
▪ Glass (initial)	16.0 N/cm	▪ Glass (after 3 days)	24.0 N/cm
▪ PMMA (initial)	13.0 N/cm	▪ PMMA (after 3 days)	17.0 N/cm

Properties

▪ Temperature resistance short term	200 °C	▪ Resistance to chemicals	● ● ● ●
▪ Temperature resistance long term	100 °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 HDPE filmic liner

For latest information on this product please visit <http://l.tesa.com/?ip=07055>

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