

# product information

## tesa® ACX<sup>plus</sup> 7055 High Transparency 1,000 µm double-sided acrylic core tape

tesa® ACX<sup>plus</sup> 7055 is a double-sided transparent acrylic core tape. It consists of a high-performance acrylic system and is primarily characterized 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 viscoelastic, solid acrylic core compensates different thermal elongation of bonded parts.

### Main Application

The tesa® ACX<sup>plus</sup> product family is suitable for a wide range of constructive bonding applications. To ensure the highest performance possible, our aim is to fully understand the application (including the substrates involved) in order to provide the right product recommendation. Example mounting applications of transparent and translucent materials include but are not limited to:

- Profiles for plissees
- Partition walls (e.g. glass on glass)
- Sign manufacturing (e.g. PMMA on aluminum)

### 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

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

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# tesa® ACX<sup>plus</sup> 7055 High Transparency

1,000 µm double-sided acrylic core tape

## Additional Information

Product variants:

PV 22: White paper liner

PV 24: Blue film liner

PV12: transparent film liner

Certificates:

- tesa® ACX<sup>plus</sup> 7055 is recognized according to UL Standard 746C. UL File QQW2.E309290
- tesa® ACX<sup>plus</sup> 7055 is recognized according to UL Standard 879. UL File UYMR2.E479260

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