

tesa® ACX^{plus} 7054

ACX^{plus} High Transparency 500 µm

tesa® ACX^{plus} 7054 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 | 500 µm | | |

Adhesion to

| | | | |
|-----------------------|-----------|----------------------------|-----------|
| ▪ Steel (initial) | 11.0 N/cm | ▪ Steel (after 3 days) | 19.0 N/cm |
| ▪ Aluminium (initial) | 9.0 N/cm | ▪ Aluminium (after 3 days) | 19.0 N/cm |
| ▪ Glass (initial) | 11.0 N/cm | ▪ Glass (after 3 days) | 17.0 N/cm |
| ▪ PMMA (initial) | 9.0 N/cm | ▪ PMMA (after 3 days) | 12.0 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=07054>

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Additional Information

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

PV 24 = Blue HDPE filmic liner

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