

tesa® ACXplus 7054

ACXplus High Transparency 500 µm

PRODUCT INFORMATION

Product Description

tesa® ACXplus 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	■ Elongation at break	1000 %
■ Colour	transparent	■ Temperature resistance (20 min)	200 °C
■ Thickness of tape	500 µm	■ Temperature resistance long term	100 °C
■ Type of adhesive	pure acrylic		

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

■ Tack	+	■ Static shear resistance at 23 °C	++
■ Resistance to chemicals	++	■ Static shear resistance at 70 °C	+
■ Ageing resistance (UV)	++	■ Softener resistance	o
■ Humidity resistance	++	■ T-block	+

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

tesa SE

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tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.

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Additional Info

PV 22 = White PE coated paper liner tesa® ACXplus branded

PV 24 = Blue filmic liner

Adhesion values to glass are not part of the product specification

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