

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 long term	100 °C
■ Total thickness	500 µm	■ Temperature resistance (20 min)	200 °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	+	■ Softener resistance	o
■ Ageing resistance (UV)	++	■ Static shear resistance at 23°C	++
■ Humidity resistance	++	■ Static shear resistance at 70°C	+
■ Resistance to chemicals	++	■ T-block	+

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

tesa® ACXplus 7054

ACXplus High Transparency 500 µm

PRODUCT INFORMATION

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

For latest information on this product please visit <http://l.tesa.com/?jp=07054>

Page 2 of 2 / As of 09/22/13

tesa SE

Quickbornstraße 24
20253 Hamburg
Germany
Phone: +49 (40) 4909 101
<http://www.tesa.com>

tesa tape inc.

5825 Carnegie Boulevard
Charlotte, N.C. 28209
United States of America
Phone: +1 (704) 554 0707
Fax: +1 (704) 553 5634
<http://www.tesatape.com>

tesa tape Asia Pacific Pte. Ltd.

164 Gul Circle,
Singapore 629621
Phone: +65 (68) 612 026
Fax: +65 (68) 614 790
<http://www.tesa-asia.com>

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.