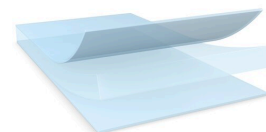




# tesa® 88012

## Product Information



### Optically Clear Adhesive

#### Product Description

The highlight of the dedicated automotive OCA assortment is the all new 880xx series, which has been specifically developed to integrate displays behind shaped covers made out of automotive polycarbonate grades. The key benefit of this pressure sensitive OCA tape is the superior outgassing prevention function, which enables direct bonding on a coating-less polycarbonate which results in a significant total cost benefit for the display integrator in comparison to the benchmark solutions.

#### Product Features

- High transmission and low haze
- High bonding strength
- Superb outgassing performance
- Outstanding yellowing resistance
- Excellent temperature, humidity and UV resistance
- Excellent ITO compatibility (acid free)
- Smooth and easy liner removal

#### Application Fields

tesa® 880xx OCA series is suitable for optical lamination behind cover lenses made out of :

- Glass
- PC
- PMMA

#### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Product Construction

- |                    |         |                                      |             |
|--------------------|---------|--------------------------------------|-------------|
| • Backing material | none    | • Colour                             | transparent |
| • Type of adhesive | acrylic | • Colour of liner                    | transparent |
| • Type of liner    | PET     | • Thickness of liner (easy release)  | 75 µm       |
| • Total thickness  | 300 µm  | • Thickness of liner (tight release) | 100 µm      |



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## Product Information

### Properties/Performance Values

• Ageing resistance (UV)	very good	• Refractive index	1.47
• Dielectric constant	6.7	• Release of liner - inside	tight
• Gap filling	5 %	• Release of liner - outside	easy
• Haze <	0.1 %	• Transmittance (380 - 780nm) >	99 %
• Humidity resistance	very good		

### Adhesion to Values

• Glass (initial)	7.9 N/cm	• PC (initial)	8.2 N/cm
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## Storage Conditions

### Storage Conditions

Temperature: From +5°C to +30°C

Relative humidity: From 30% to 60%

Precautions: Protect for direct sun light, do not store outside

Other storage advices: Avoid mechanical impacts and short overheating, if removed from cold storage, ensure no condensation on packaging

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=88012>