



tesa[®] 88008

Optically Clear Adhesive



Product Information

200µm Optically Clear Adhesive for Automotive Applications

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

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|--------------------|---------|------------------------------------|-------------|
| • Backing | none | • Color | transparent |
| • Type of adhesive | acrylic | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of easy release liner | 75 µm |
| • Total thickness | 200 µm | • Thickness of tight release liner | 100 µm |



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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 %	• Tack	medium
• Humidity resistance	very good	• Transmittance (380 - 780nm) >	99 %

Adhesion to Values

• Glass (initial)	7.6 N/cm	• PC (initial)	7.1 N/cm
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Storage Conditions

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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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