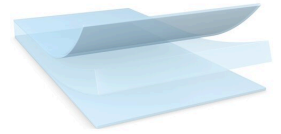




tesa[®] 88012

Optically Clear Adhesive



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 | none | • Color | transparent |
| • Type of adhesive | acrylic | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of easy release liner | 75 µm |
| • Total thickness | 300 µm | • Thickness of tight release liner | 100 µm |



tesa[®] 88012

Optically Clear Adhesive

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
-------------------	----------	----------------	----------

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

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 support you.



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