

# Thin, High-durability OCA

## Optical Clear Adhesive Sheet (OCA) MO series



High-durability OCA\* with a thin film that is suitable for film bonding. This is a product line-up with a high elastic modulus, strong adhesive strength, and excellent flexibility.  
\*OCA: Optical Clear Adhesive

### Composition

Lighter release liner  
Adhesive  
Heavier release liner

**Base-less (NON CARRIER) type**  
※ NON CARRIER is a registered trademark of Lintec Corporation in Japan.

High adhesion and durability in thin thickness

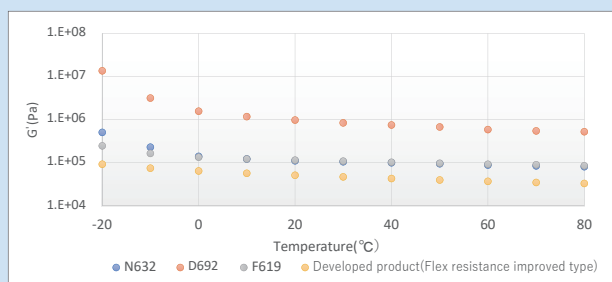
Lineup of high and low elastic modulus types

Suppress shrinkage for facestocks with a high coefficient of thermal expansion (high modulus type)

High reliability (bending resistance, heat resistance, moisture resistance)

### Features

Temperature dependence of storage modulus



#### Folding Test

With excellent flexibility and low likelihood of peeling defects, there is little damage to the flexible substrate.



\*Test condition: PET(100μm)/OCA(50μm)/ITO-PET(125μm)  
Bending diameter: 4mmφ Test temperature: 23°C Number of tests: 100,000 times

### Application

Optical Clear Adhesive Sheet MO series

Window Film, Film Sensor, Flexible Display

For bonding various optical functional films to folderable devices

### Product Line-up

Product name	Adhesive film thickness (μm)	Adhesion <sup>(1)</sup> (N/25mm)	Optical properties <sup>(2)</sup>		Folding Test	Remarks	
			T.t. [%]	Haze (%)			
NCF-N632	5~30	10	>99.0	<1.0	△	Acid-containing type	General high durability type
NCF-D692	5~30	15	>99.0	<1.0	△	Acid-containing type	High modulus and high durability type
NCF-F619	5~30	5	>99.0	<1.0	○	Acid-free type	Low modulus type
Development product	5~30	10	>99.0	<1.0	◎	Acid-free type	Flex resistance improved type

\*Test condition (1) Applied surface: soda glass, Facestock: PET film (100 μm). Bonding time: 24 hours, Measurement environment: 23°C and 50% RH. Peeling speed : 300mm/min , 180-degree peeling  
(2) Test condition: Soda glass / adhesive