

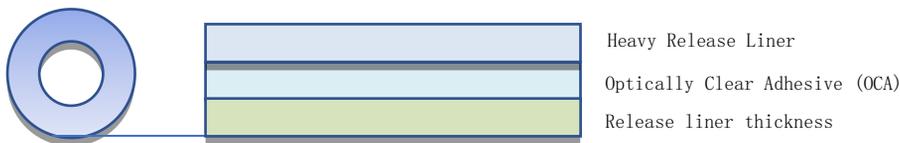


## Product Technical Specification

### 1. Product Description

The OCA optical adhesive series is mainly constructed based on acrylic pressure-sensitive adhesive, laminated with double-sided release liners. It has excellent optical properties, is acid-free, has good compatibility with functional film materials (such as ITO, AgNW, etc.), excellent reliability, and good step absorption.

### 2. Product Structure



### 3. Main Use

- ✦ Mainly used for Liquid Crystal Display (LCD) modules and TP full laminating, Touch Screen Panel (TPS) lamination (G/F/F, G/F, P/F, etc.), explosion-proof film lamination, optical compensation film lamination, and polarizer lamination.

### 4. Product Features

- Excellent optical properties/acid-free, good compatibility with functional film materials (ITO, AgNW, etc.), excellent reliability, and good step absorption.

### 5. Typical Performance

Product Model	P-DB606	P-DB607	P-DB608	P-DB610
Technical Specifications				
Usage	Full lamination OCA	Full lamination OCA	Full lamination OCA	Full lamination OCA
Color	Transparent	Transparent	Transparent	Transparent
OCA Adhesive Thickness [mm]	0.15	0.175	0.2	0.25
Light Liner Thickness [mm]	0.075	0.075	0.075	0.075

<b>Heavy Liner Thickness [mm]</b>	0.1	0.1	0.1	0.1
<b>Light Transmittance[%]</b>	93.2	93.2	93.2	93.2
<b>Haze [%]</b>	0.15	0.15	0.15	0.15
<b>Color Difference[L*a*b*]</b>	96.86/-0.06/0.14	95.6 / -0.06 /0.14	95.6 / -0.06 /0.14	95.6/-0.06/0.14
<b>Refractive Index [n/25℃]</b>	1.478	1.478	1.478	1.478
<b>180° Peel Strength[gf/25, SUS]</b>	> 1300	> 1500	> 1800	> 2000
<b>Endurance [Min (1,000g,SUS) ]</b>	>1000	>1000	>1000	>1000
<b>Emissivity</b>	3.2	3.2	3.2	3.2

Continued from the table above

<b>Product Model</b>	<b>P-6015</b>	<b>P-6025</b>	<b>P-6050</b>	<b>P-6125</b>	<b>P-6175</b>
<b>Technical Specifications</b>					
<b>Usage</b>	For TSP				
<b>Color</b>	Transparent	Transparent	Transparent	Transparent	Transparent
<b>OCA Adhesive Thickness [mm]</b>	0.015	0.025	0.050	0.125	0.175
<b>Light Liner Thickness [mm]</b>	0.050	0.050	0.050	0.050/0.075	0.075
<b>Heavy Liner Thickness [mm]</b>	0.050	0.050/0.075	0.050/0.075	0.075	0.075/0.1
<b>Light Transmittance[%]</b>	93.2	93.2	93.2	93.2	93.2
<b>Haze [%]</b>	0.13	0.13	0.13	0.15	0.15
<b>Color Difference[L*a*b*]</b>	96.8/-0.06/0.15	96.8/-0.06/0.15	96.8/-0.06/0.15	96.8/-0.06/0.15	96.8/-0.06/0.15
<b>Refractive Index [n/25℃]</b>	1.478	1.478	1.478	1.478	1.478
<b>180° Peel Strength[gf/25, SUS]</b>	> 800	> 1000	> 1200	> 1600	>1800
<b>Endurance [Min (1,000g,SUS) ]</b>	>1000	>1000	>1000	>1000	>1000
<b>Emissivity</b>	3.2	3.2	3.2	3.2	3.2

## 6. Storage and Shelf Life

It is recommended to store it in a clean and dry place, avoid direct sunlight, and prevent package damage. The storage temperature is 4-30 °C and the humidity is less than 40-50%.

To maintain the best performance, this product should be used within 12months from the date of production.