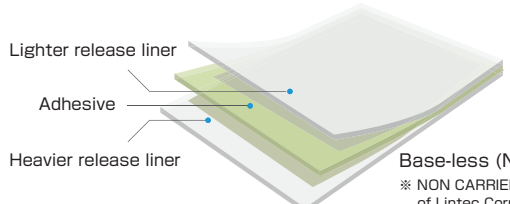


Special functional OCA

Optical Clear Adhesive Sheet (OCA) MO series

It is possible to impart functionality to a variety of OCAs* according to the application. *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.

UV cut performance

Ion-migration resistance performance

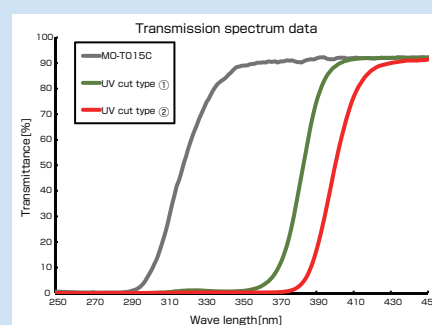
Transmittance control

Light diffusion performance

UV cut performance

Product name	Adhesive Thickness [μm]	Total Transmittance (1) [%]	380 nm transmittance [%]	b* [-]
MO-T015	25~125	99<	90.4	0.2
UV cut type①	25~125	99<	7.0	0.4
UV cut type②	25~125	99<	≤0.1	1.5

Test condition (1)Sample composition:Soda-lime glass/Adhesive. ※We are able to control UV-cut performance for on your needs. The values reported in the data are actual measured values and not guaranteed.



Transmittance control

Product name	Color	Total Transmittance[%]			a* [-]			b* [-]			Blister resistance (Resin plate / OCA / Glass)
		Initial stage	After heat resistance test	After moisture and heat resistance test	Initial stage	After heat resistance test	After moisture and heat resistance test	Initial stage	After heat resistance test	After moisture and heat resistance test	
MO-3017UV2	Clear	>99	≥99	≥99	-0.3	-0.5	-0.4	0.1	0.5	0.5	○
MO-6017	Grey	59.0	59.4	59.1	0.2	0.1	0.3	-1.8	-1.7	-1.8	△
MO-6017UV2	Grey	51.4	51.5	51.3	0.1	-0.2	0.1	-1.9	-1.5	-1.6	○

Test condition Sample composition:Soda-lime glass/Adhesive Heat resistance test:105°C1000h, Moisture and heat resistance test:85°C85%RH 1000h
The values reported in the data are actual measured values and not guaranteed.

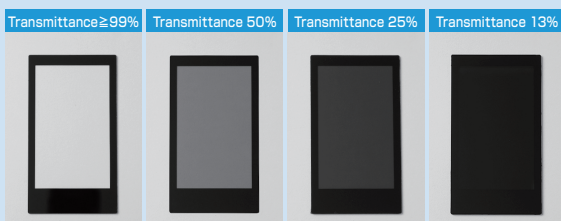


Image of using transmittance control type



When viewing area of in-vehicle display such as a CID is turned off, it is expected to improve the design by harmonizing with surrounding parts.

Ion-migration resistance performance

+ Electrode

General OCA	Ion-migration resistance performance
NG	OK

Ion migration resistant type
No electrode elution

- Electrode

General OCA	Ion-migration resistance performance
NG	OK

Ion migration resistant type
No electrode elution

Light diffusion performance

Product name	Adhesive Thickness [μm]	Haze [%]	Total Transmittance [%]
MO-8017 MO-8017UV2	25~250	10~99	>80

* Measuring method : JIS K 7136
The values reported in the data are actual measured values and not guaranteed.

Normal OCA

Light diffusion performance

Piling films with regular pattern such as black matrix elicits Moiré (interference fringes)
Using our Light Diffusion OCA as interlaminar material between films works less noticeability to Moiré.



LINTEC Corporation Linking your dreams

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