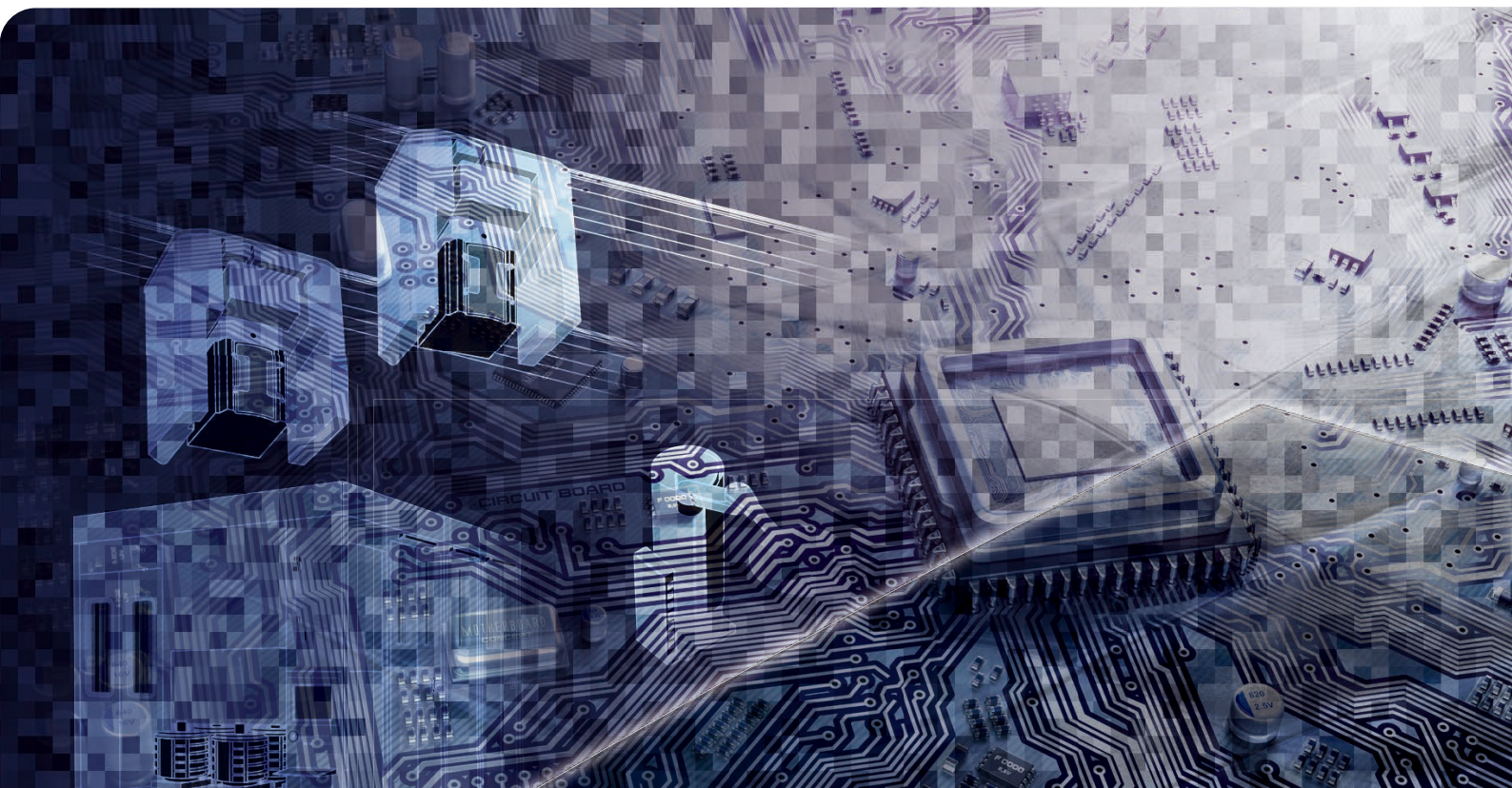


Thermoformable Static Dissipative Plate

ESLON Thermoformable DC Plate



**Applicable to
Vacuum forming**

**Stable Static
Dissipative Performance**

**Excellent
Optical Performance**



Applicable to Vacuum forming

Thermoformable DC plate maintains excellent static dissipative performance even after 3x drawing.

*Supports up to 3x the draw ratio

Applicable to Vacuum forming with New Conductive coat layer



Stable Static Dissipative Performance

The surface resistivity is $10^9 \Omega/\square$ even after 3x drawing, and it maintains excellent static dissipative performance.

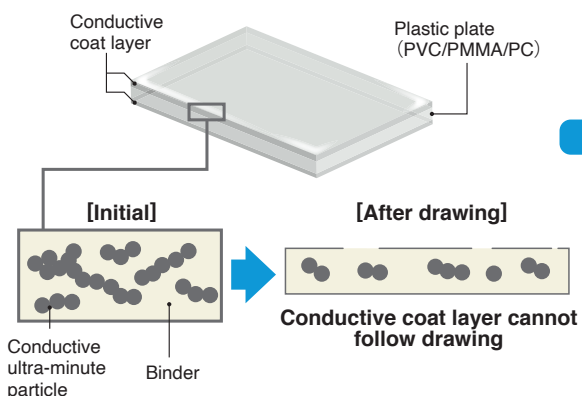


Excellent Optical Performance

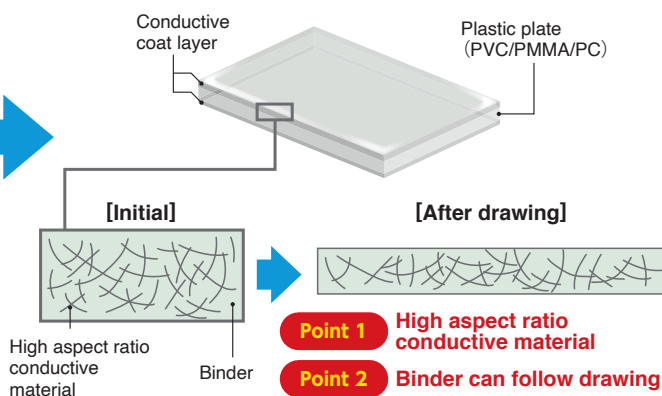
Excellent optical performance is maintained after 3x drawing.



Current product



Thermoformable DC Plate



Processing conditions

•Vacuum forming

- Thermoformable DC Plate can be vacuum formed under the same conditions as general plastic plates(PVC/PMMA/PC).

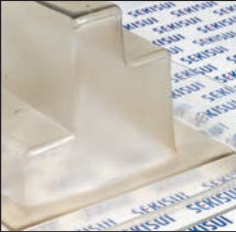
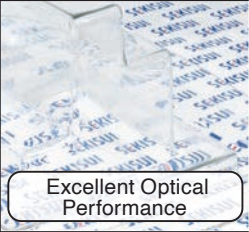
*This is an example of the heating temperature, so please check the appropriate processing conditions according to the vacuum forming equipment and molding mold you are using.

•Standard Vacuum forming temperature ————— Temp.(°C)

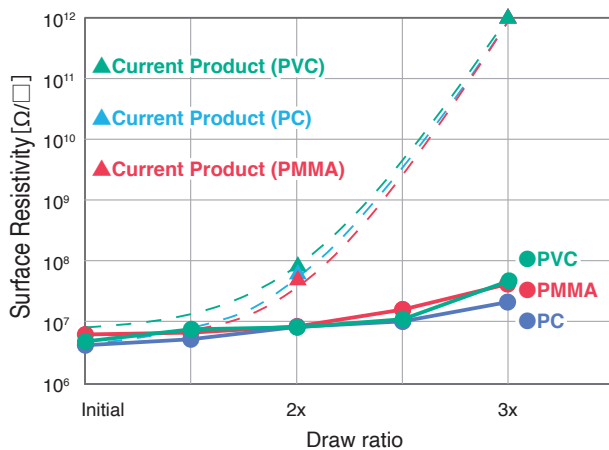
Material type	Thickness:3mm	Thickness:5mm
Polyvinyl Chloride(PVC)	135 - 165	145 - 170
Acrylic(PMMA)	145 - 165	165 - 185
Polycarbonate(PC)	165 - 175	180 - 185

Basic Property

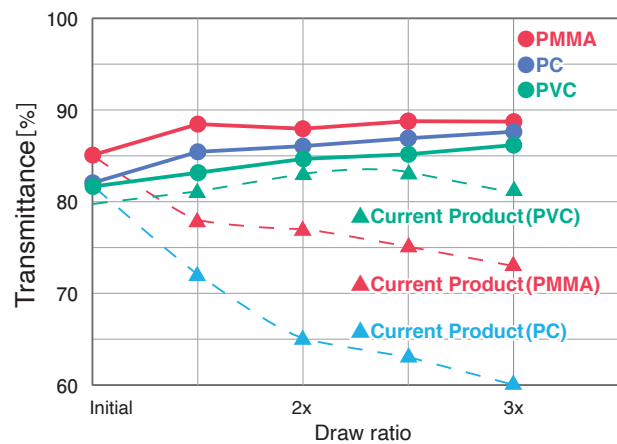
Note) The values shown below are typical values, not guaranteed values.

	Test Standard	Current Product(PMMA)		Thermoformable DC Plate(PMMA)	
		Initial	After 3x drawing	Initial	After 3x drawing
Formability	—			 Excellent Optical Performance	
Surface Resistivity [Ω/□]	JIS K 6911	10 ⁶	>10 ¹²	10 ⁶	10 ⁷
Transmittance [%]	JIS K 7136	85	73	85	88
Haze [%]		2	70	2	5

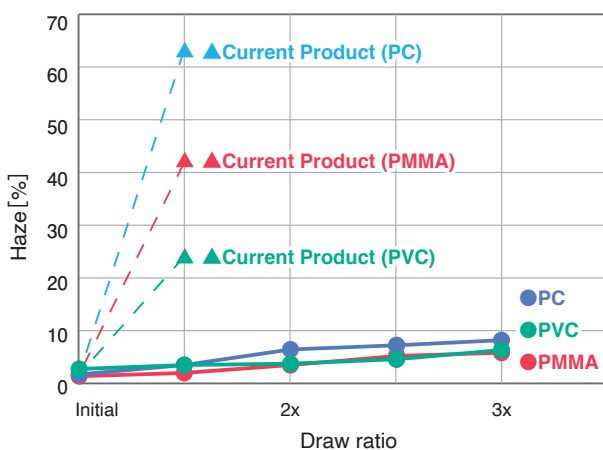
Surface Resistivity



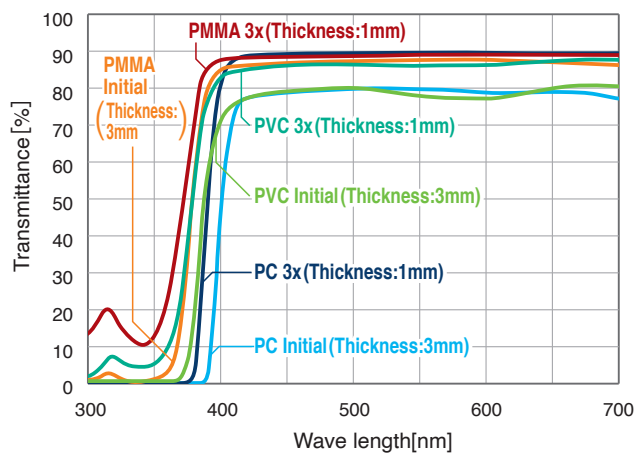
Transmittance



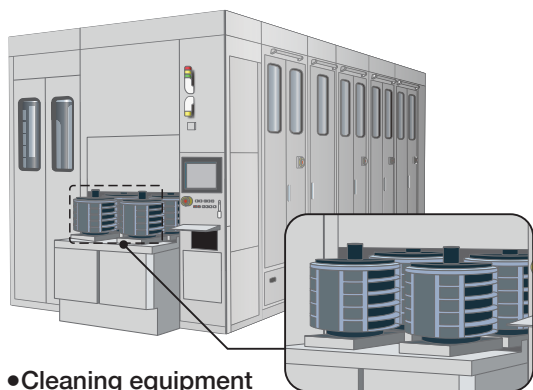
Haze



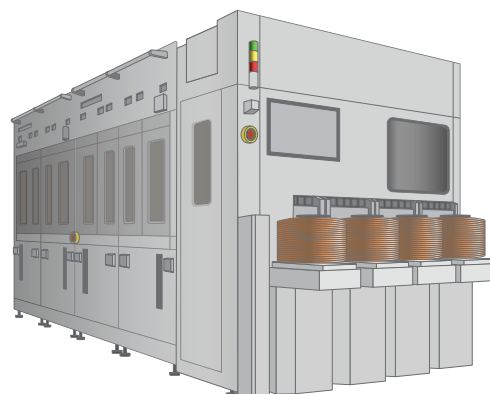
Spectral Transmittance



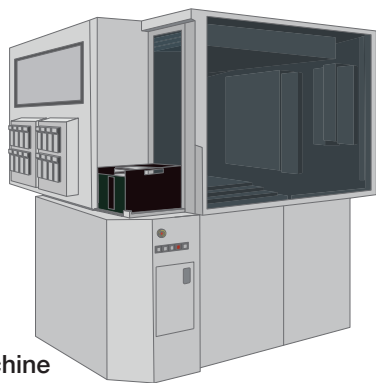
Application



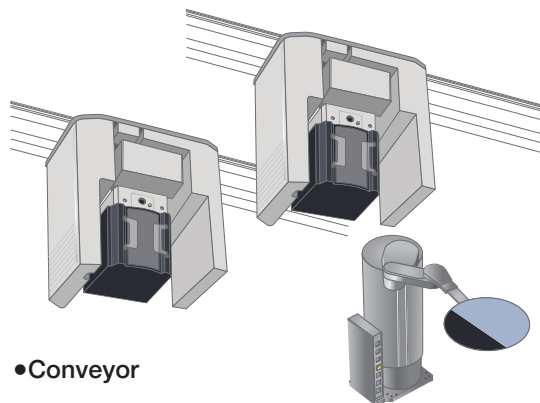
●Cleaning equipment



●Chemical Mechanical Polisher



●Dicing machine



●Conveyor

Lineup

● : New Lineup

Material type	Code	Color	Width × Length (mm)	Thickness(mm)				
				2	3	4	5	6
Polyvinyl Chloride(PVC)	CT401AS	Transparent Clear	1000×2000 1212×2424		●	●	●	●
	CT411AS	Transparent Orange			●	●	●	●
	CT421AS	Transparent Smoked Brown			●	●	●	●
	CT441AS	Transparent Yellow			●	●	●	●
Acrylic(PMMA)	AT405AS	Transparent Clear	1000×2000	●	●	●	●	●
	AT415AS	Transparent Orange	1120×1350	●	●	●	●	●
	AT425AS	Transparent Smoked Brown	1212×2424	●	●	●	●	●
Polycarbonate(PC)	PT407AS	Transparent Clear	1000×2000 1212×2424	●	●	●	●	●
	PT417AS	Transparent Orange		●	●	●	●	●
	PT427AS	Transparent Smoked Brown		●	●	●	●	●

*All varieties are made-to-order products.

*Compliant with RoHS2 or REACH

It is judged based on following and indicates that no restricted substances is intentionary included.

•Substances included in the Candidate List for authorization on 10 June 2022

For inquiries regarding other directives and regulations, please contact us.

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