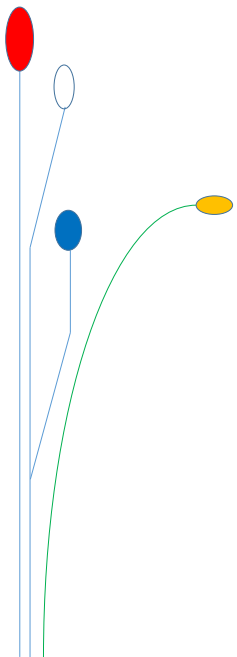
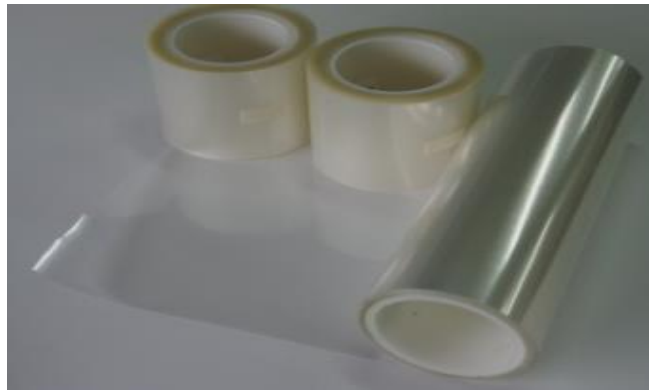


Optical Clear Adhesive & Rubber for Flexible and Wearable Display



Product Data Sheet	Product Model No.
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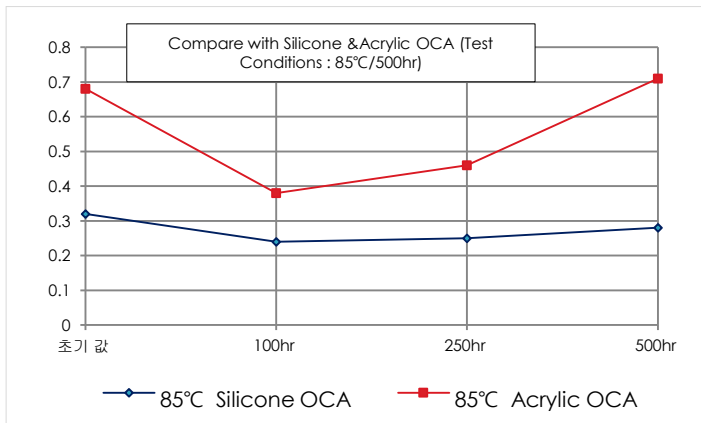
Silicone OCA(Optical Clear Adhesive)

❖ Product Properties

Properties	Unit	Characteristic Value	Remarks
Thickness (Standard)	μm	50 ~ 500	-
Transmittance	%	95	Wavelength: 380~650nm
Refractive Index	-	1.41	-
Haze	%	< 0.5	-
Color Difference (YI)	-	< 1	-
Permittivity	-	< 4	at 1MHz
Adhesive Strength	gf/25mm	> 1,000	Thickness : 100μm
Corrosiveness of ITO	-	< 5%	(85°C/85%) / 500hr
RoHS (Green Product)	SGS	O.K	-
Use Temp	°C	-50 ~ 200	-

❖ Refractive Index & Optical Properties

Model	Refractive Index	Optical Properties		
		Transmittance(%)	Haze(%)	L*/a*/b*
SV-SE100A	1.41	95.2	< 1	97.44/0.01/0.19



Product Data Sheet	Product Model No.
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Transparent Silicone Rubber

❖ Product Properties

Properties	Unit	SV-TSR60M	SV-TSR70M	SV-TSR80M	Remarks
Transmittance	%	95	95	95	
Hardness	Shore A	60	70	80	
Tensile Strength	Mpa	6	10	10	
Elongation	%	380	150	100	
Refractive Index	-	1.406	1.41	1.412	
Thickness	mm	0.01~	0.01~	0.01~	Pad or Sheet

❖ Optical Properties

Optical Properties	Test Conditions	SV-TSR60M	SV-TSR70M	SV-TSR80M
Refractive Index (at 589nm)	25°C	1.406	1.41	1.412
	45°C	1.404	1.406	1.407
Transmittance	%(at 2mm)	95	95	95

Loss 12% Light

Air Gap

Loss 4% Light

Optical Clear Silicone

Before After

CANDLE

❖ Applications

- Mobile Phone
- Tablet PC
- Car Navigation

- Flexible Display

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