

## SINGLE SIDE AR COATED PMMA

**BHT-K0H2B1xx, xx=thickness choices**

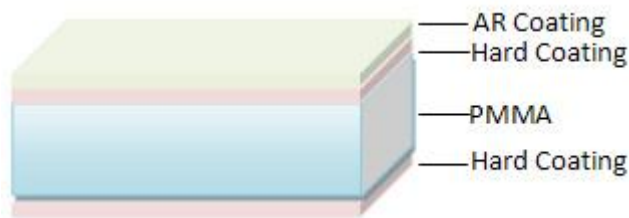
### Single Side AR Coated PMMA

#### Description

#### Function

Displays would be value up after AR processes at the front side of the protector, especially for some special bounding technical, touch panel, etc., application. This may not only solving light reflection problem from the back light, but also much lighter reflection from the outer environment through AR coated surface.

#### Product Structure



#### Feature

1. High transparence, low reflection at the coated side.
2. Optical grade PMMA with 1 side vapor depositedAnti Reflective coating.
3. Close to neutral coating color.
- 4.Total transparence above 96% within whole view area
5. Anti scratch, abrasion resistance.

#### Characteristics

Characteristics	Method	Result
OPTICAL	Transparence	JISK7105 96%
	Reflection	JISK7105 $\leq 0.2$
MECHANICAL	Hardness	Pencil Hardness 6H
	Abrasion Resistance	Steelwool,1.5kgf, 50 times Scratch line few
	Adhesion (Initial)	Cross cut test 100/100
	Impact Strength	DIN 53453 4kJ/m <sup>2</sup>
ENVIRONMENT	Humidity Resistance	60°C, 95% Humidity Up to 1,000 hrs

Heat Resistance	80°C	Up to 1,000 hrs
Heat Impact Resistance	- 30°C & 80°C	Up to 500 times

**Dimension**

Size (mm)

275x360,310x380,385x500,420x530, 430x630, 600x1000

Thickness (mm)

0.5, 0.65, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0

**Anti-Reflective Spectrum (PMMA, AR+AFP)**

