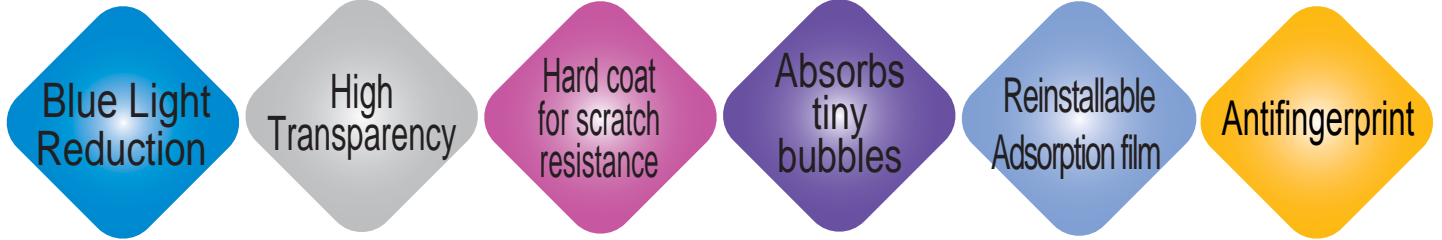


# ACCURATE FILMS BLC

## Blue Light Reduction film

### 1.Features

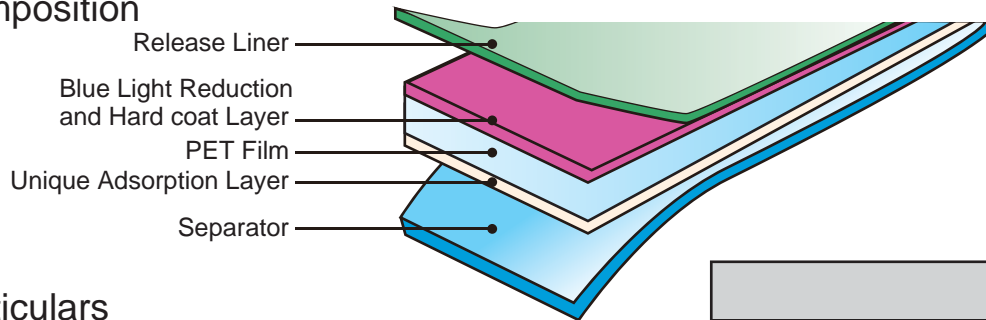


- Reduces Blue light waves emitted from LCD screen. Expected to reduce eye fatigue.
- Lower cost than Blue light reducing eye glasses. Reduces burden of wearing eye glasses.
- Unique adsorption Layer absorbs tiny bubbles in one day (larger bubbles may not disappear).
- High transparency provides sharp and crisp images.
- Hard coat finish provides scratch resistance.

### 2.Applications

- Accessory for touch screens such as smart phones, tablets, PCs, mobile phones, and game machines.

### 3.Composition



### 4.Particulars

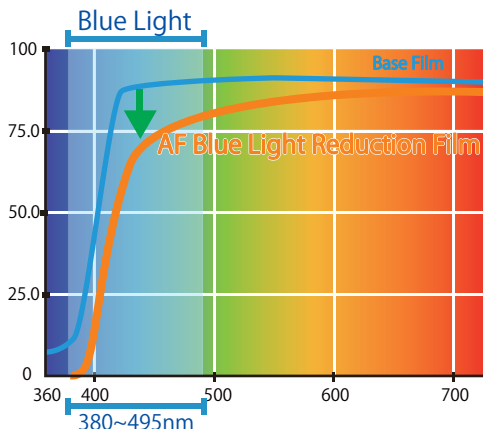
#### (1) Physical properties :

Peel strength is measured by pulling cellophane tape to detach the film from the LCD screen.

#### (2) Functional properties (not including the peel-off films)

		BLC	Test method
Thickness of base film(μm)		100	—
Optical Features	Blue light reduction rate(380-500nm) (%)	26 ± 3	
	UV light reduction rate(200-280nm) (%)	99.0	
	Light transmission rate(400-800nm) (%)	93.0	JIS K 7105
	Haze(%)	0.8	JIS K 7105
	Reflection rate (visible lights)(%)	1.7	JIS R 3106
	Minimum light reflectance(%)	0.7	
Hard Coating Characteristics	Pencil hardness	2H	JIS K 5600
	Abrasion resistance	No scratches	

### 5.Graph of Blue light reduction



AF BLC film is expected to reduce the amount of blue light which can reach all the way to the retina and possibly cause eye fatigue.

(Blue light is designated as the light wave at about 500nm and close to the UV light spectrum).

\*The AF BLC film is utility model patented (NO.3175771)

\*The above figures, data and numbers are for reference only and not a guarantee of the product.

Test machine: U-4100 spectrophotometer  
(made by Hitachi High Technologies Co.)



**ACCURATE IMAGING RESOURCES**

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