

Thin film – COLOR IR WINDOW –

Only black? . . . No! Make your products more attractive.



COLOR IR WINDOW is an infrared trans-missive filter with various optical interfaced colors.

By using this film, the products can be designed more attractively and more harmoniously with the various colors.

An infrared trans-missive film, which have been widely used for infrared wireless remote controllers and/or IrDA of various IT machinery,

electricity and appliances in our daily life, are usually black in order to maintain the trans-missivity.

It has been quite difficult to let such a film have visible colors without reducing the infrared trans-missive efficiency. However, Alpha-One finally releases the one with various color tones.

The interference colors on films are created by dielectric film coating on the conventional plastic materials or prints which penetrate infrared rays and absorbing visible light.

With its long-term and excellent technology in dielectric film production, it was realized to give beautiful visible colors to the materials.

COLOR IR WINDOW surely promises to expand the possibility of your creative and attractive product design.

Variation

Type-A: The film of color and abrasion/dust proof coating on the plastic surface with conventional dark color which transmits infrared rays.

The color tone is rather dark.



Type-B: The film with combination of color coating, infrared trans-missive dark ink, and letter-pattern printing.

The color tone is rather bright.

