



Visualplas IR Blocking filter effectively block IR light 850nm ~ 1200nm and UV light 350nm ~ 400nm, while being highly transparent. Visualplas helps protect and enable your optics design by our unique technologies of infrared light management plastic sheets, films and coatings.

Standard Offering

Thickness: Standard 0.05mm or 0.10mm. Thicker gauges available upon request.

Color: Highly transparent to low gray

Customized Offering

One-stop solution: Die Cut, CNC, logo print, back adhesive, hard coat, lamination, thicker gauges & transmission tweaking.

Technical Support

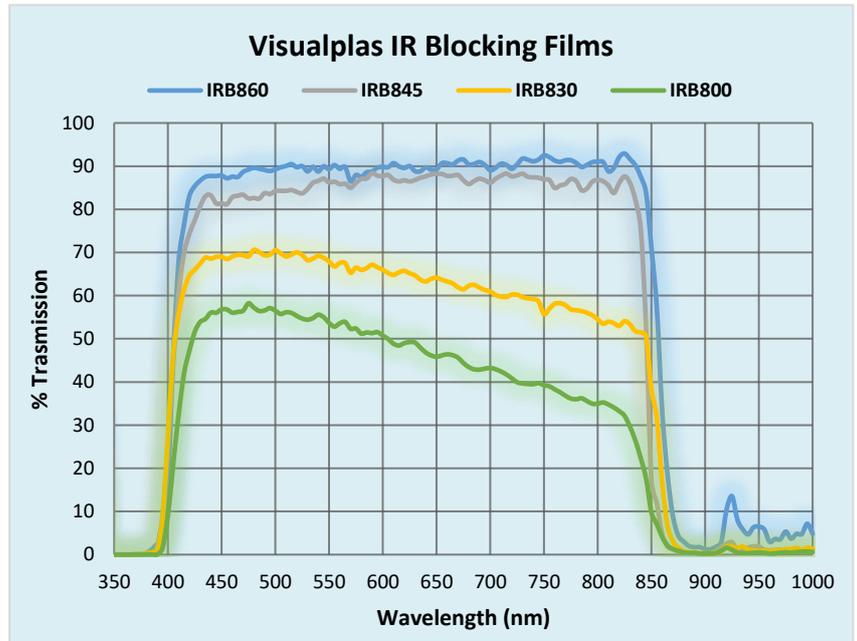
✉ info@visualplas.com

☎ +86-21-68360345

Visualplas Technology

B503 Ming-Gu Hi-Tech Park,
7001 Zhong-Chun Road
Shanghai 201101, China
Phone: +86-21-52232075
www.visualplas.com

Infrared Blocking / Visible Transmission



Technical Data

Standard Type ⁽¹⁾	% Transmission @ 850nm	% Transmission @ 940nm	% transmission @ 450-800nm	Heat Resistance (°C) ⁽²⁾	Outdoor Application ⁽³⁾
IRB860-0.05mm	71.0	4.6	89.8	120	Good
IRB845-0.10mm	17.1	1.6	86.0	120	Good
IRB830-0.05mm	38.2	1.1	74.0	120	Good
IRB800-0.10mm	9.7	0.3	47.8	120	Good

(1) 0.05mm thick film goes with back adhesive; 0.10mm film go with or without back adhesive.

(2) No heat shrinkage or wrinkle at test temperatures.

(3) Based on UV blocking performance and our limited knowledge.

Important Notice:

This information and all technical and other advice are based on Visualplas' s present knowledge and experience. However, Visualplas assumes no liability for such information or advice, including the extent to which such information or advice may relate to third party intellectual property rights. Visualplas reserves the right to make any changes to information or advice at any time, without prior or subsequent notice. VISUALPLAS DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SHALL HAVE NO LIABILITY FOR, MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR A PARTICULAR PURPOSE (EVEN IF VISUALPLAS IS AWARE OF SUCH PURPOSE), OR OTHERWISE. VISUALPLAS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. It is the customer' s sole responsibility to arrange for inspection and testing of all products by qualified experts.