



**Visualplas** NIR transmitting plastic filters allow 90% transmission of IR 800nm-1100nm, while blocking the UV and visible light 300nm-700nm. Visualplas helps protect and enable your product design by our unique technologies of infrared transmission plastic sheets, films and coatings with black and various aesthetic colors.

### Standard Offering

**Thickness:** 0.05mm, 0.10mm, 0.20, 0.25mm, 0.50mm, 0.80mm, 1.05mm, 1.5mm, 1.8mm

**Color:** Piano black

### Customized Offering

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

### Technical Support

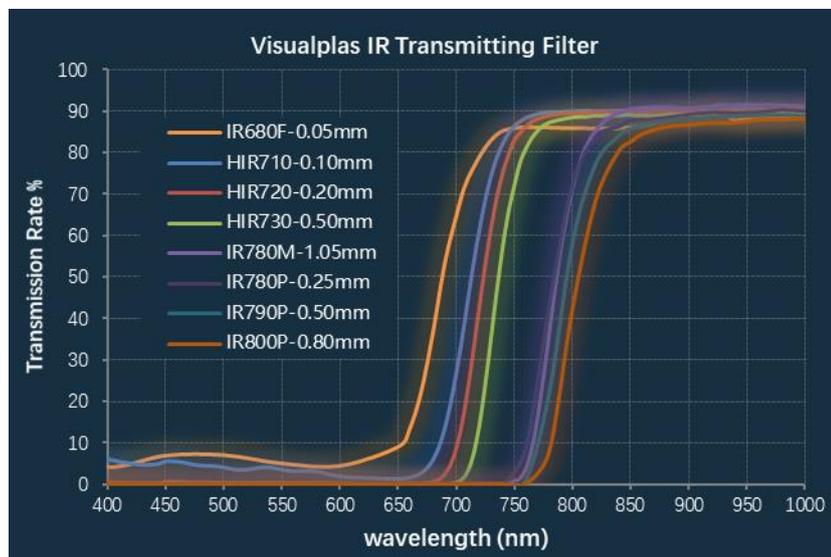
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### Infrared Transmission / Visible Blocking



### Data Sheets

Standard Grade	% Transmission @ 940nm	% Transmission @ 400-700nm	Heat Resistance (°C) <sup>(2)</sup>	Thickness (mm)	Outdoor Application
IR680F <sup>(1)</sup>	90	20	120	0.05	Good
HIR710	90	5	130	0.10	Good
HIR720	90	0.3	130	0.20	Good
HIR730	90	0.04	130	0.50	Good
IR780M	90	0.01	90	1.05	Best
IR780P	90	0	70	0.25	Fair
IR790P	89	0	70	0.50	Fair
IR800P	89	0	70	0.80	Fair

- (1) IR680F-0.05mm goes with back adhesive.
- (2) Heat shrinkage or wrinkle at test temperatures.
- (3) Higher hardness and thicker gauges available.

### Important Notice:

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