

Hot Mirror HM-VS-1150 Color Neutral

Glass Fabrication



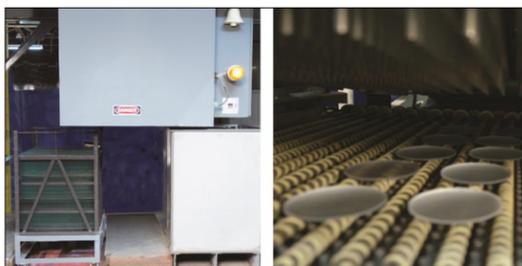
Coating Deposition



CNC Machining



Strengthening - Chemical & Heat



Screen Printing of Graphics



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Our US based, state-of-the-art ISO 9001:2015 and ITAR registered facilities include Abrisa Industrial Glass in Santa Paula, CA and ZC&R Coatings for Optics in Torrance CA. These two divisions produce solutions from cut-to-order coated glass components to custom complex and ready-to-install fabricated, strengthened, optically coated, electronically enabled and branded sub-assemblies.

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Your Total Solution Partner

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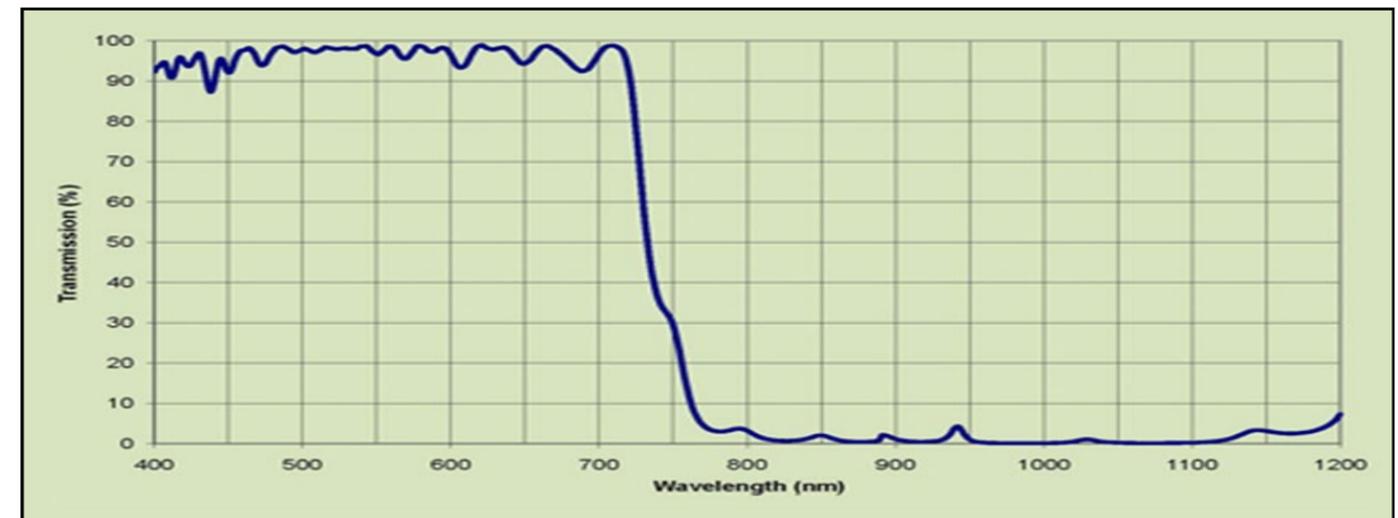
These hot mirror filters transmit the visible spectrum and reflect the infrared at 0 degrees. The average transmittance is more than 93% from 425 to 675nm. The average reflectance is more than 95% from 750 to 1150nm. Custom angles of incidence can be designed to specification.

HM-VS-1150 Color Neutral:

Hot Mirrors are designed to remove (reflect) infrared heat in an optical system and transmit visible energy. The HM-VS-1150 Hot Mirror, formerly known as Hot Mirror #102, design has been optimized to have much higher and color neutral visible transmission than conventional Hot Mirrors. The HM-VS-1150 color neutral Hot Mirror is ideal for use in fiber optic illuminators, movie and slide projectors or any application where color projection is critical. The HM-VS-1500 Super Heat Buster® Hot Mirror offers protection from ultra violet radiation and extended IR reflection for extreme temperature applications. For conventional heat/light separation see HM-VS-950 Commercial Hot Mirror.

Specifications:

- Substrate: SCHOTT Borofloat®
- Thickness: 3.3mm & 1.75mm
- Size: Up to 24" in Diameter
- Angle of Incidence: 0°
- Visible Transmission: 92% Ave. (425nm - 700nm)
- Nominal Transmission: 50% @ 730nm
- IR Reflection: ≥95% Ave. (750nm - 1100nm)



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