GENERAL DESCRIPTION

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:** Borofloat®
- **Thickness:** 3.3mm & 1.75mm
- **Size:** Up to 24” diameter
- **Angle of Incidence:** 0°
- **Average Transmission:** \( \geq 92\% \) 425mm - 700mm
- **Nominal Transmission:** 50% @ 730nm
- **IR Reflection:** \( \geq 95\% \) 750mm - 1100mm

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