

Hot Mirror HM-VS-1500 Super Heat Buster®

Glass Fabrication



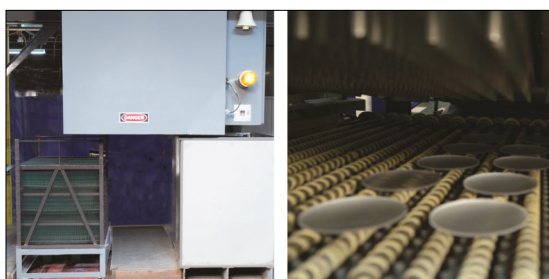
Coating Deposition



CNC Machining



Strengthening - Chemical & Heat



Screen Printing of Graphics



Abrisa Technologies, a member of HEF Photonics, is a globally recognized technology glass fabrication and optical thin film coating company with expertise in high volume manufacturing and engineering capabilities, delivering Total Solutions that provide excellent performance, fitness-for-use and economies of scale.

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.

Our Total Solutions serve a variety of markets including Micro-Electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors, Imaging, Photonics, Medical & Dental, Life Science and more.



Abrisa Industrial Glass
200 South Hallock Drive
Santa Paula, CA 93060

ZC&R Coatings for Optics
1401 Abalone Avenue
Torrance, CA 90501

(877) 622-7472

www.abrisatechnologies.com

info@abrisatechnologies.com

HM HMVS1500 10_22



Your Total Solution Partner

Hot Mirror HM-VS-1500 Super Heat Buster®

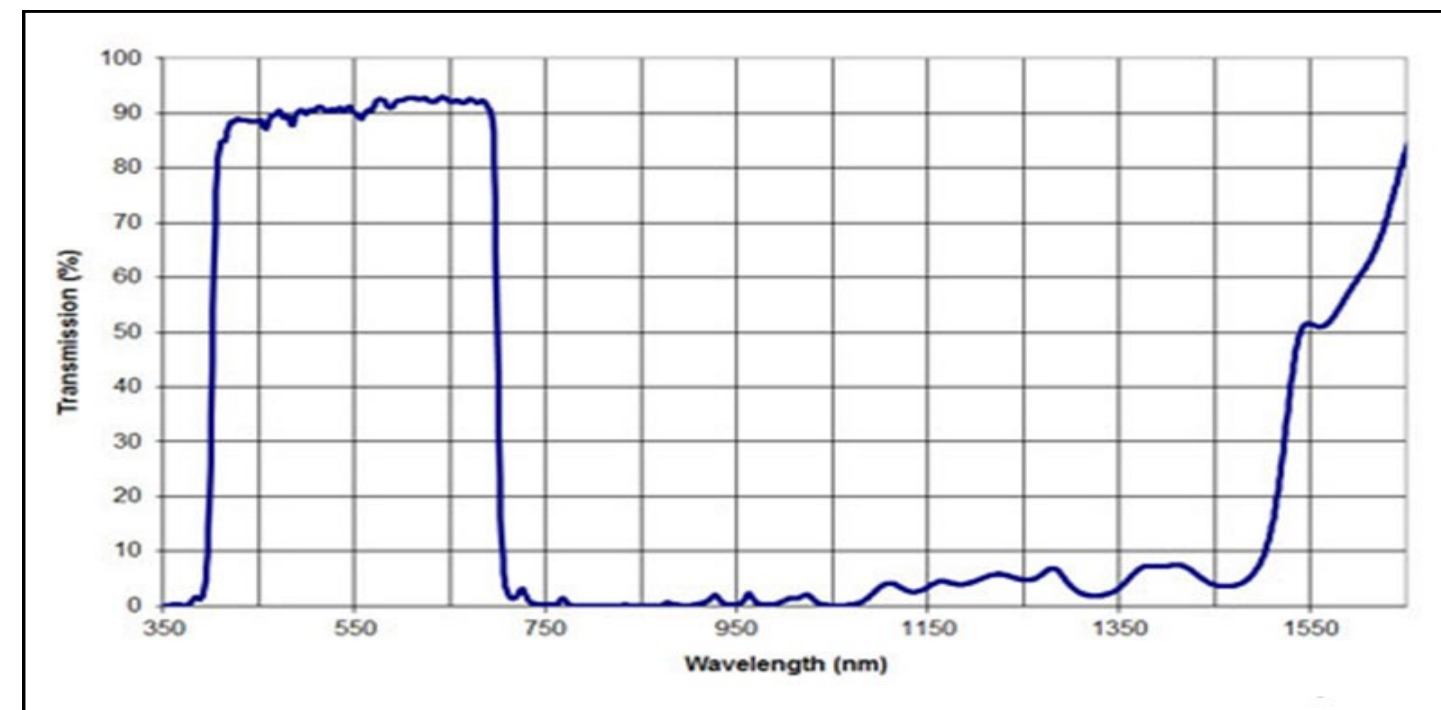
Extreme performance hot mirrors offer enhanced UV blocking.

HM-VS-1500 Super Heat Buster®

Our best grade Hot Mirror formerly known as Hot Mirror #101. For applications where extreme infrared heat and damaging UV radiation are of concern; the UV Hot Mirror is an ideal solution. It rejects all UV radiation down to 200 nm, transmits the visible spectrum and has extended IR heat reflection out to 1500 nm. Should color temperature be critical see HM-VS-1150 Color Neutral Hot Mirror. For conventional heat/light applications see HM-VS-950 Commercial Hot Mirror.

Specifications:

- Substrate: SCHOTT Borofloat®
- Thickness: 3.3mm & 1.75mm, 1.1 mm Standard
- Size: 8' x 30" Max. Sheet Size, 8" x 28" Useable Area
- Angle of Incidence: 0°
- Visible Transmission: ≥ 85% Ave. (420nm - 680nm)
- UV Transmission: ≤ 1% Ave. (200nm - 380nm)
- IR Reflection: ≥95% Ave. (730nm - 1500nm)



Abrisa Technologies • 200 South Hallock Drive, Santa Paula, CA 93060 • (877) 622-7472
www.abrisatechnologies.com • info@abrisatechnologies.com