

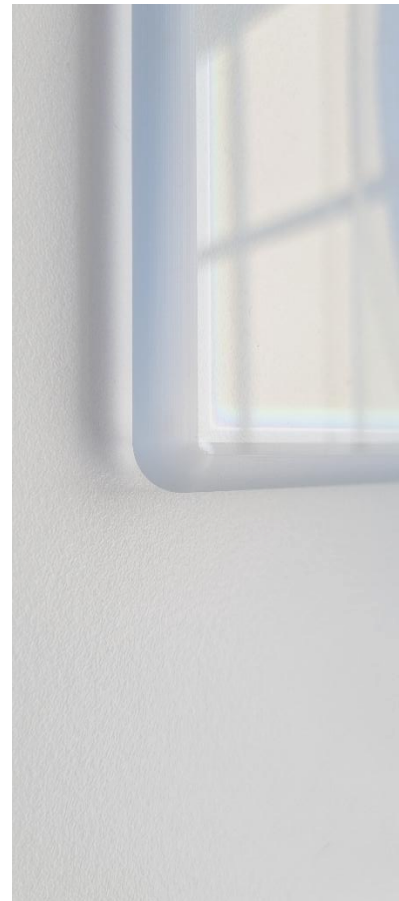
Ruggedised Transparent Conductive Windows for Aircraft & Land Vehicles

Brinell BVK-AR windows are designed for EMI & Heating application in Harsh environments. Our advanced optical design provides outstanding spectral transmission and clarity while providing conductive properties for either control of EMI or temperature control.

Brinell BVK-AR windows are also available with Brinell NVIS-A1000 Night Vision compatibility & Advanced Laser protection capability for both visible and Infra-Red Wavelengths.

Applications

- Armoured Vehicle blast-proof windows with Heater function
- Aircraft display glass/daylight readable with EMI protection
- Conductive ITO glass with NVIS function
- Laser protection glass for periscopes



Features and Options Brinell BVK-AR

Protection from Electromagnetic and Radio Frequency Interference (EMI/ RFI) Shielding

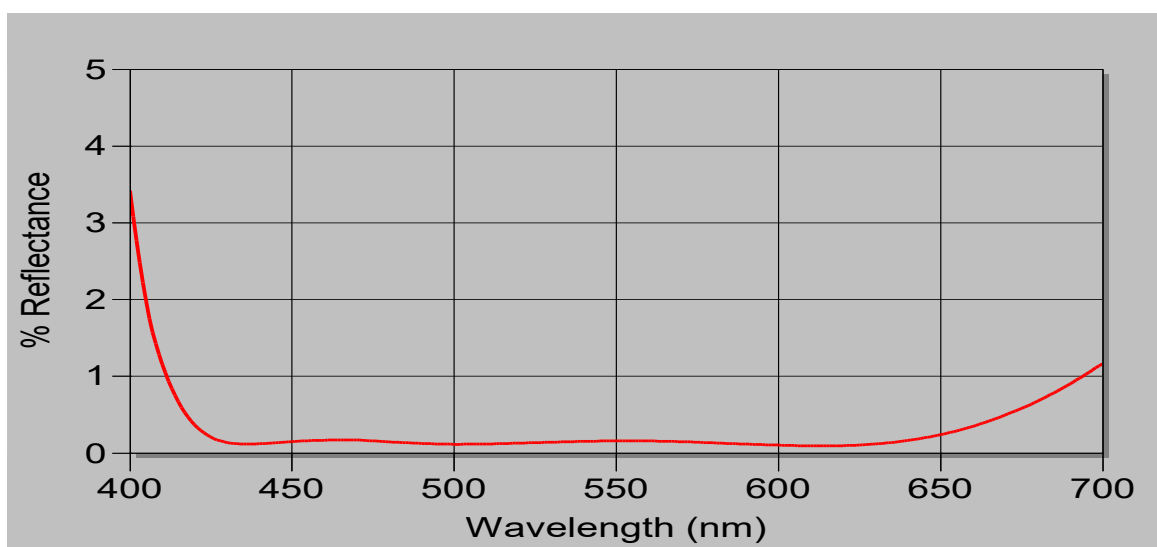
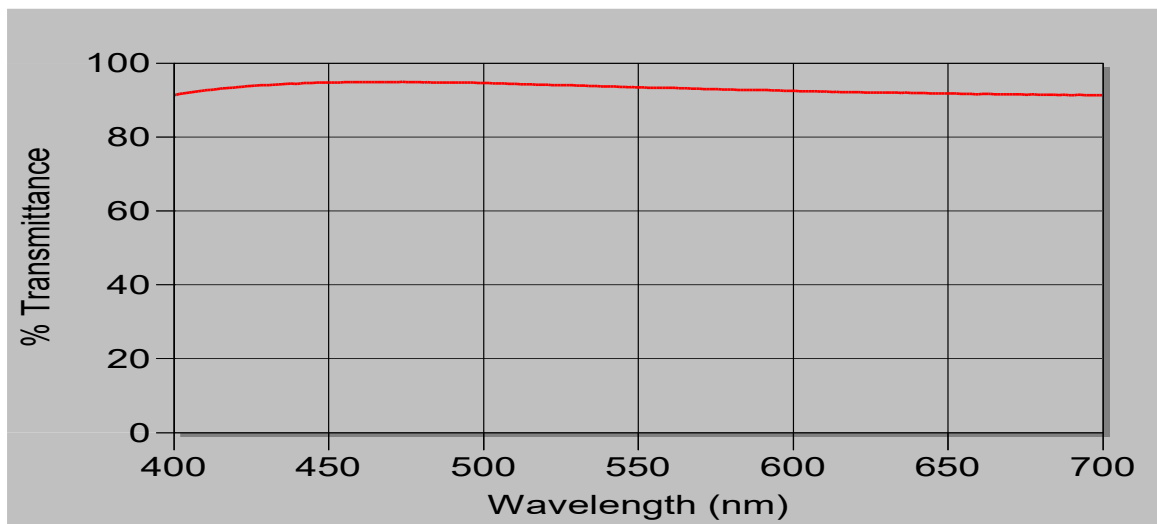
High spectral Transmission Heated Display Windows and display glass

Brinell NVIS:A1000 Night Vision compatibility (CFC and LED options).

High Optical Density (OD) coatings for Laser attenuation available

Sheet resistance values from 2.0 – 500 ($\Omega/\square$) and Photopic Transmission (IVPT) over 96%.

Thermal Cycling, Salt Spray and Humidity Cycling (To MIL STD 48497).



Durability

Thermal Cycling, Salt Spray and Humidity Cycling (To MIL STD 48497).

EMI/RFI Shielding Effectiveness

Using test methods consistent with MIL-STD-215, BVK-AR offers a shielding effectiveness up to 58dB at 1MH and 26dB at 1GH.

