The Coating on the optical element is very important, which can improve the transmission, high reflection, etc. Foctek offers all kinds of anti-reflective (AR) coating, BBAR, V-coating, Dual Wavelength AR coating, high reflective (HR) coating, partial reflective (PR) coating, filter coating, dichroic coating, polarization beamsplitter coating and metal reflective coating, etc. according to customers’ requirement. Foctek has the strong capability in coating design, we supply the coating design services for your special coating requirement.

Foctek owns 4 coating chambers, which provide large coating capacity for our optical components. we measure the coating spectral curves of our coating products by Perkin-Elmer Lambda 900(UV/VIS/NIR) spectrophotometer. The coating spectral curves measured by Lambda 900 can be provided with the delivery upon your request. The adhesion and hardness of the coatings are tested according to the Standard Mil Spec tests of Abrasion (Mil-C-675A), Adhesion (Mil-M-13508C), Hardness(MIL-M-13508C).

**Anti reflection Coating**

**Single Layer MgF₂ AR Coating**

- Single layer MgF₂@245 nm
- Single layer MgF₂@532 nm
- Single layer MgF₂@1064 nm

**Multi-layer AR Coating**

- AR@633nm
- AR coating @ 850+/−50 nm, R<0.3%
Anti reflection Coating

Optical Coating

Broadband Multi-layer AR Coating

AR@1550±50 nm

AR@532 nm

AR@800nm

AR@1064 nm

AR coating @ 400-700 nm

AR@450-650 nm Ravg<0.5%

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