



## ■ Technical data ■

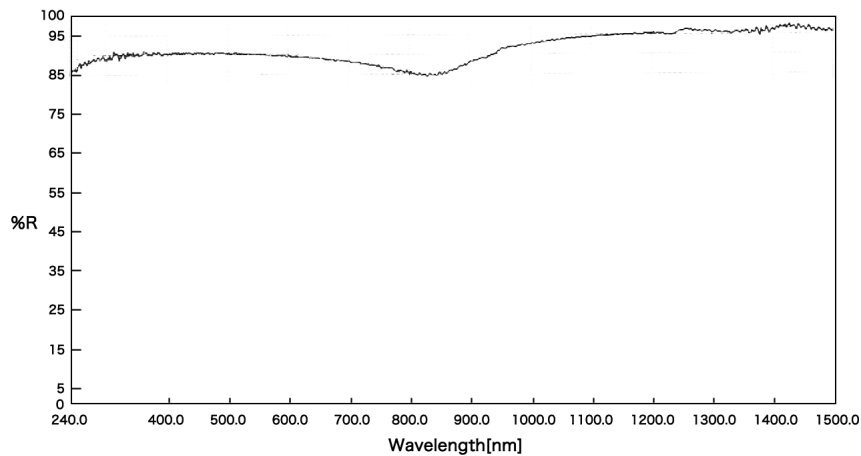
### 【Aluminum Coating】

AL coating is the most standard metallic coating used in a wide wavelength band from the UV range to the Near-IR range. We basically deposit protective coating for antioxidation on AL coating. We also can supply AL coating without protection layer, if needed.(In this case, enough antioxidants are necessary for prolonged storage)

Do not wipe the AL coated surface with any type of cloth and paper. The surface certainly have serious damage because AL is material of low mechanical strength.

Maximum coating size : 2400 x 2200mm

Reflectivity: 240-800nm  $\geq$  R85%



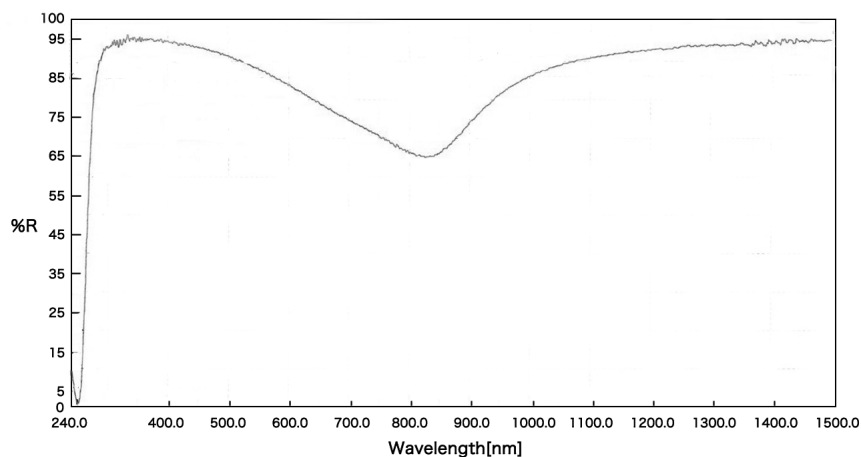
### 【UV Enhanced Aluminum Coating】

UV Enhanced Aluminum Coating is protective coating to increase the reflectance of UV also to protect accidental hard scratches.

Consequently the maintainability can be enhanced in comparison with AL coating.

Maximum coating size :4000 x 3300mm

Reflectivity: 310-450nm  $\geq$  R93%



## 【Dielectric Multilayer Coating】

By multilayer coating dielectrics, the reflectivity through UV range and visible range can be increased.

Dielectric Multilayer has an unique characteristic that reflectivity varies in accordance with an incident angle.

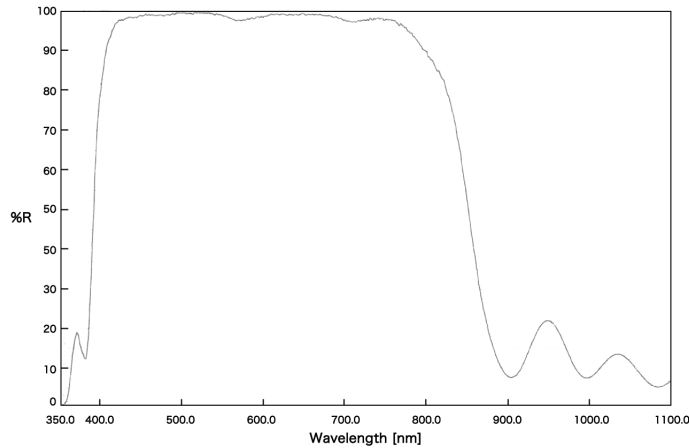
We can propose various coating layer design according to your needs.

Dielectric Multilayer coating is much stronger than AL coating so maintenance is easy.

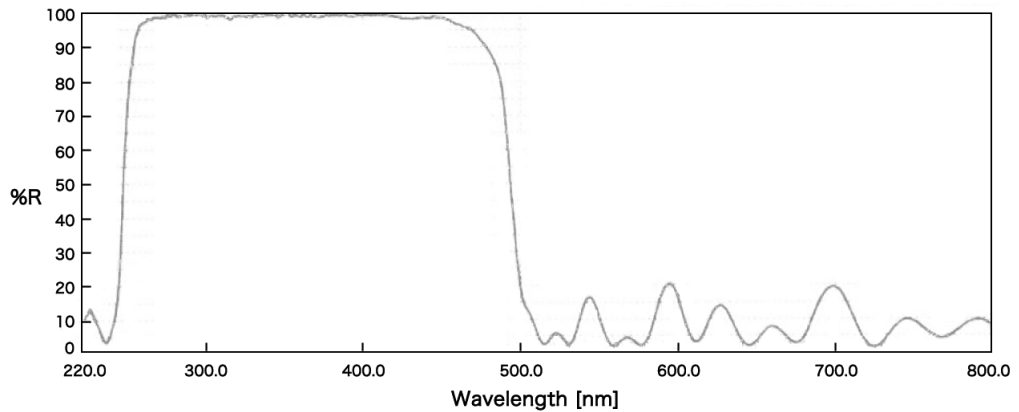
Maximum coating size : 1200 x 1200mm

Reflectivity

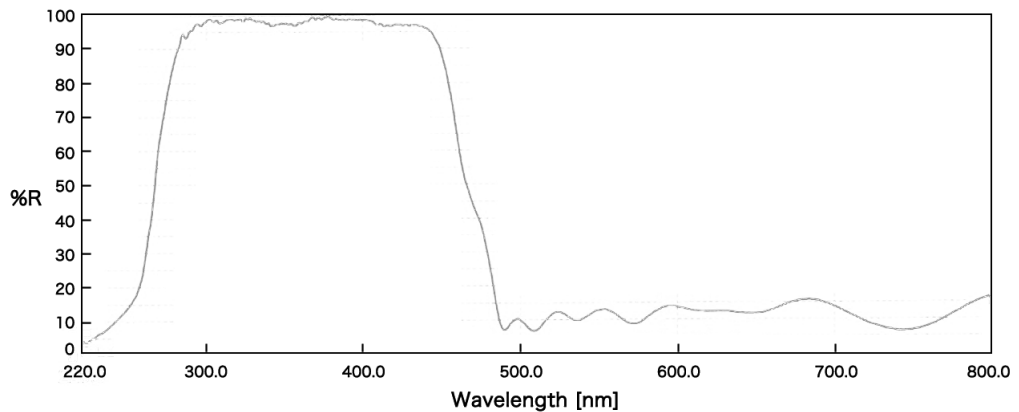
for visible range spec : 400-650nm  $\geq$  Ave.R95% (incident angle at 45" )



for UV range spec : 300-440nm  $\geq$  Ave.R95% (incident angle at 45' )



for Deep UV range spec : 240-405nm  $\geq$  Ave.R95% (incident angle at 45" )



KOKUSAI SHOJI Co.,LTD.

<http://www.kokusaishoji.co.jp>

[Head Office]

2-2-2,Nihonbashi-Kayabacho,Chuo-ku,Tokyo,Zip 103-0025, JAPAN  
Tel:+81-3-3666-1896 Fax:+81-3-3666-0425

[Komatsugawa factory]

4-64, Komatsugawa, Edogawa-ku, Tokyo, Zip 132-0034, JAPAN

[Akita factory]

158, Nakano, Nishi monai, ugo-machi, ogachi-gun, Akita, Zip 012-1131, JAPAN