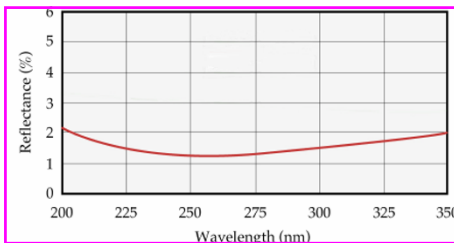


AR Coated UV Windows



Fused silica windows may be anti-reflection coated on both sides to provide high transmittance or on one side only to provide a weak (~ 4%) reflected beam for sampling.

The coating types which may be applied are:

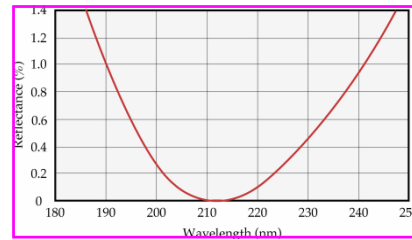


S1 Single layer A/R coat—1 side
R = 1.5% @ 0°

S2 Single layer A/R coat—2 sides
R = 1.5% @ 0°

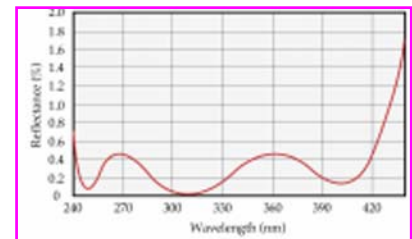
Typical Coating Specifications

Type:	S1, S2, V1, V2, B1 or B2
Reflectance per surface:	See list
Damage threshold:	> 5/cm ² , 10ns



V1 Single wavelength A/R coat – 1 side
R ≤ 0.25% @ 0° R ≤ 0.5% @ 45°

V2 Single wavelength A/R coat – 2 sides
R ≤ 0.25% @ 0° R ≤ 0.5% @ 45°



B1 Broadband A/R coat – 1 side
R_{ave} ≤ 0.5% @ 0° R_{ave} ≤ 0.5% @ 45°

B2 Broadband A/R coat – 2 sides
R_{ave} ≤ 0.5% @ 0° R_{ave} ≤ 0.5% @ 45°

[See the datasheet on Fused Silica UV Windows for details of the uncoated windows]

To request a quote or to order, please specify:

Quantity — Material — Shape — Dimensions — Flatness—Parallelism or Wedge

Coating Type (S1, S2, V1, V2, B1, B2) — Wavelength — Angle of Incidence

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For a quotation — please phone, fax or email us with details of your requirements.