

Anti-Reflective Coatings

Overview:

Anti-reflective (AR) coatings are an excellent way to improve transmission, reduce glare and improve readability. API's anti-reflection films, coatings and filters offer excellent transmission, durability, and clarity. Our anti-reflective coatings provide as low as .2% single sided reflectance and a hardness of 3H.

Our AR coatings are provided on stand alone film, film laminated onto another substrate or directly coated onto acrylic or glass.

Our AR films are composed of a substrate (PET), a scratch resistant hard coating, a multi-layer AR coating, and an anti-smudge layer. API can laminate the AR films onto acrylic or polycarbonate.

API can also provide acrylic and glass with a AR coating directly deposited onto those substrates.



Data:

Product Description

Base Material
Single Side Reflectance @ 560nm
Thickness
Hard Coating
Anti-Smudge
Transmission
Haze
Resistance
Hardness
Laminatable To

Non-Glare Anti-Reflective Film

Polyester (PET)
<1.10%
.005"
Yes-Non-Glare
Yes
93%
<7%
N/A
>3H
Acrylic and Polycarbonate

Non-Glare AR Film - Reflected Light

