

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
Double Side Reflectance
Hard Coating
Anti-Smudge
Transmission
Haze
Resistance
Hardness

Anti-Reflective Coated Acrylic

Acrylic
1.00%
2.00%
Yes-Clear/Smooth
No
94%
<.8%
N/A
3H

AR Coated Acrylic - Reflected Light

