

# 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	Polyester (PET)
Single Side Reflectance	.65%
Double Side Reflectance	1.30%
Hard Coating	Yes-Clear/Smooth
Anti-Smudge	Yes
Transmission	94%
Haze	<.8%
Resistance	<500 Ohm/Sq
Hardness	3H
Laminatable To	Acrylic and Polycarbonate

**Smooth AR Film-Reflected Light**

