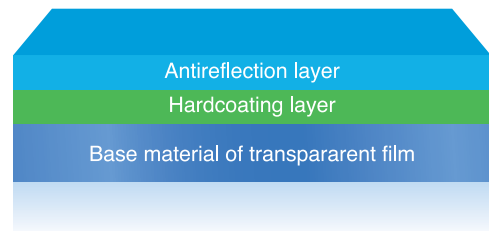


# High durability anti-reflection film (AR type/LR type)

We can produce anti-reflection films that have excellent durability for outdoor use. Available to choose AR type or LR type depending on purposes

Film cross section view ▶

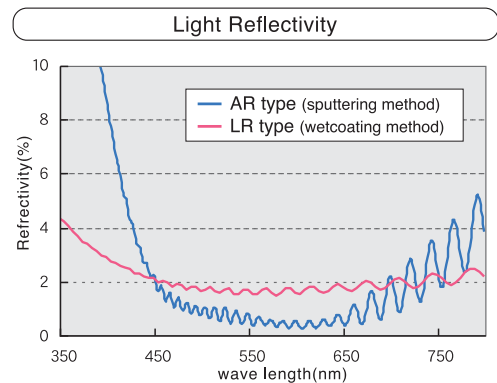


## Features of Antireflection films

- **Durability**  
We have improved the delamination of anti-reflection layer due to the UV degradation
- **Reflectivity**

AR type (sputtering method) >>> lower than 1%

LR type (wetcoating method) >>> lower than 2% ※lower cost



	Production method	UV resistance ※1	Reflectivity	Anti-worn-out ※2	Applications (example)
AR type	Sputtering	1000hr or more	1% or lower	1000times	Surface of touch panel
LR type	Wetcoating	1000hr or more	2% or lower	50times	Back face of touch panel

※1: Evaluating if the film is delaminated by 100reciprocating scratches with waste cloth soaking in ethanol (400g/cm<sup>2</sup>) after Carbon arc(UV-A) test

※2: Evaluating if the film is delaminated by scratches with steel wool#0000 (400g/cm<sup>2</sup>)

## Features of Anti-finger print film

The film is less-visible finger print.

- Hard coating with excellent optical transparency
- Combined anti-glare function

