

AirPurity Crystal is a clear polyester film having antimicrobial and 2H grade hardness coating treatment. This crystal version is developed by Airpurity original technology.

FEATURES

- 1) High gloss and transparent premium polyester film
- 2) 2H grade surface hardness coating
- 3) Airpurity crystal technology's oxidation and catalyst action, it inhibits germs at 99.9%
- 4) By metallic ionic nano-sol, 99 % UV-ray rejection.
- 5) 105° water angle of contact, so it has self-cleaning.
- 6) Two types of products are available with Non adhesive and Hybrid clear adhesive
- 7) Clear Polyester thickness is from 75 micron, 175 micron, and 250 micron.



Transparent

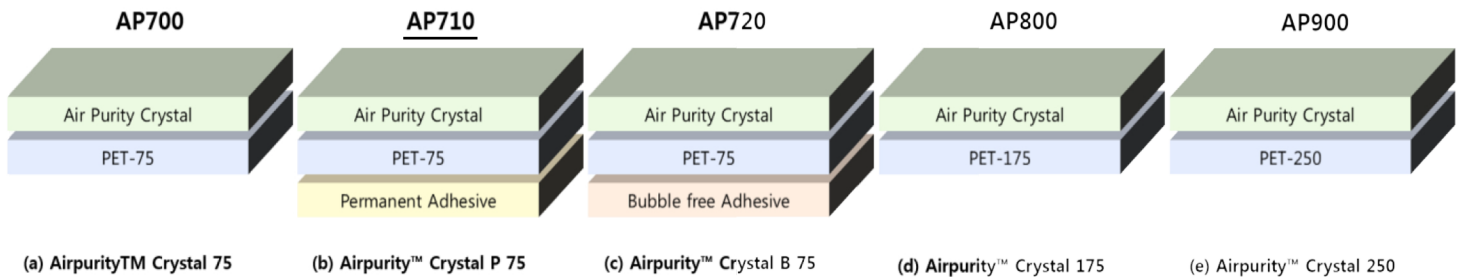


Anti-microbial



Hardness

STRUCTURE OF THE PRODUCTS



Picture 1. Product structure of Air Purity Crystal

Product specification

Property	Unit	AP700	AP710	AP720	AP800	AP900
Appearance		Clear	Clear	Clear	Clear	Clear
Base Thickness	μm	75	75	75	175	250
Base Weight	g/m ²	104	104	104	250	355
Total Thickness	μm	77	137	140	178	253
Total Weight	g/m ²	110	186	165	260	365
Peel strength (Glass)	g/25 mm	-	1200	55	-	-

MECHANISM

Airpurity crystal coating layer is consist of Porous structure & Antimicrobial inorganic materials.

Basic principle is an Catalyst & Oxidation Reaction which various kinds of harmful germs touches on the Airpurity Crystal surface.

This airpurity crystal inhibits, collect, absorb those germs, not to make cell proliferation.

