

Anti Fog Film - AFOG Series

AFOG Series

▶ Anti-fog film?

- Anti-fog film is coated special **hydrophilic** polymer that has scratch resistance property.
- **Application:** Commercial freezer door, Automotive window films, Bathroom mirror sports & military visor, architectural glazing.

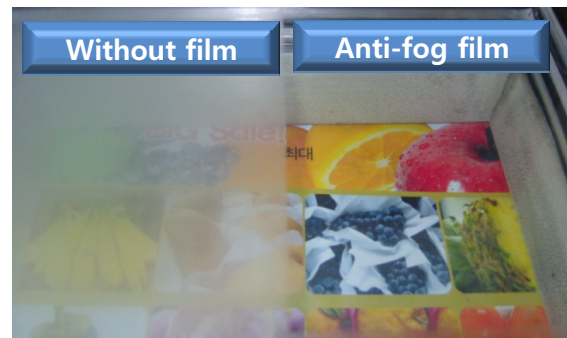
▶ Features

- Energy Saving for freezer
- Anti-fog property
- Scratch resistance property
- Excellent chemical resistance for Acetone, MEK, Alcohol, Toluene

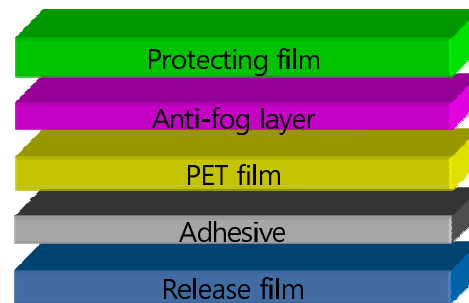
▶ Maintenance & Care

- Detergent: Top Job® or Formula 409®

▶ Specifications



▶ Cross sectional Structure



Product Name	Film Thickness(㎜)	Coating Thickness(㎜)	Film width(mm)	Adhesion	Hardness	VLTT(%)	Anti-fog property ^a	Scratch durability ^b (% Δ Haze)
AFOG-50	50	10	1524	100/10 0	2H	90	Pass	7.6
AFOG-100	100	10	1524	100/10 0	2H	90	Pass	7.6

Anti-fogging test^a: The test surface is immersed in distilled water for 1hr and allowed to dry for at least 1 hour. It is then placed face down over a container of warm water (122°F/50°C) so as to completely cover the opening. AF layer may exhibit a ring of condensation as the coating hydrates, but remain clear indefinitely therefore. The test is now complete when sufficient moisture has condensed to form large water drops.

Scratch durability^b: Taber abrasion test, measurement of the ΔHaze(CS10F wheel, 500g load) after 100cycle