

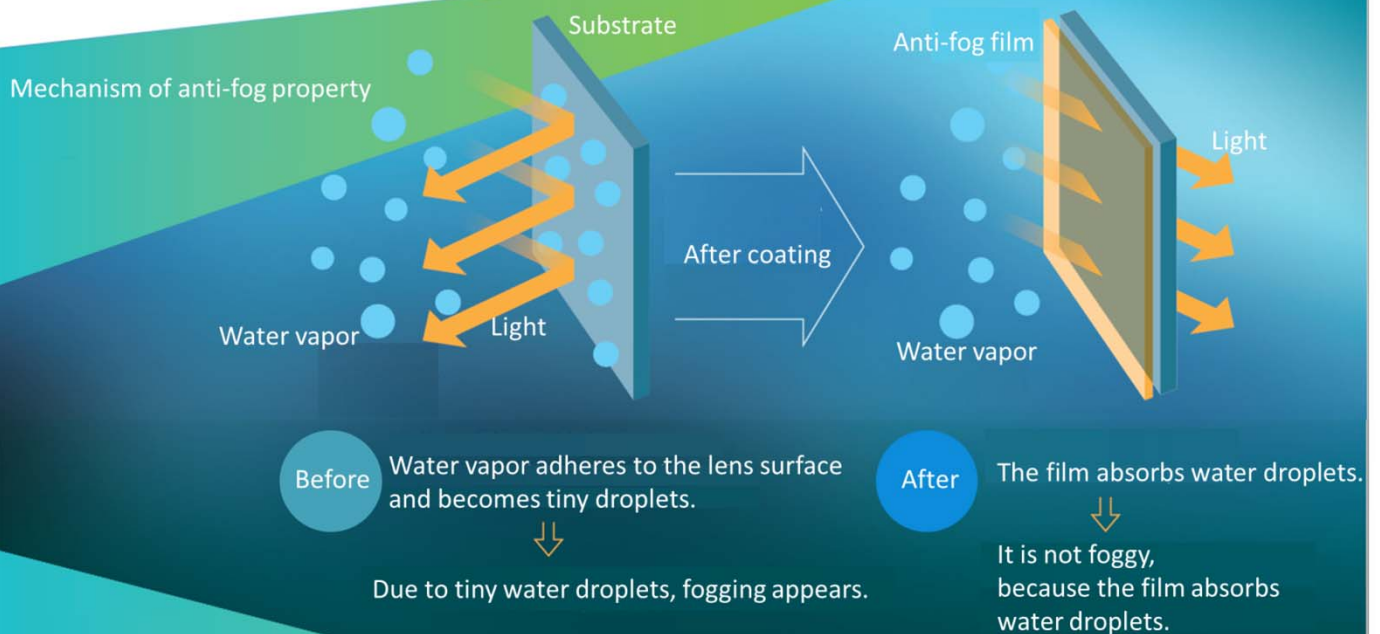
Anti-fog agents

MODIPER[®] H series

Excellent anti-fog property and abrasion resistance

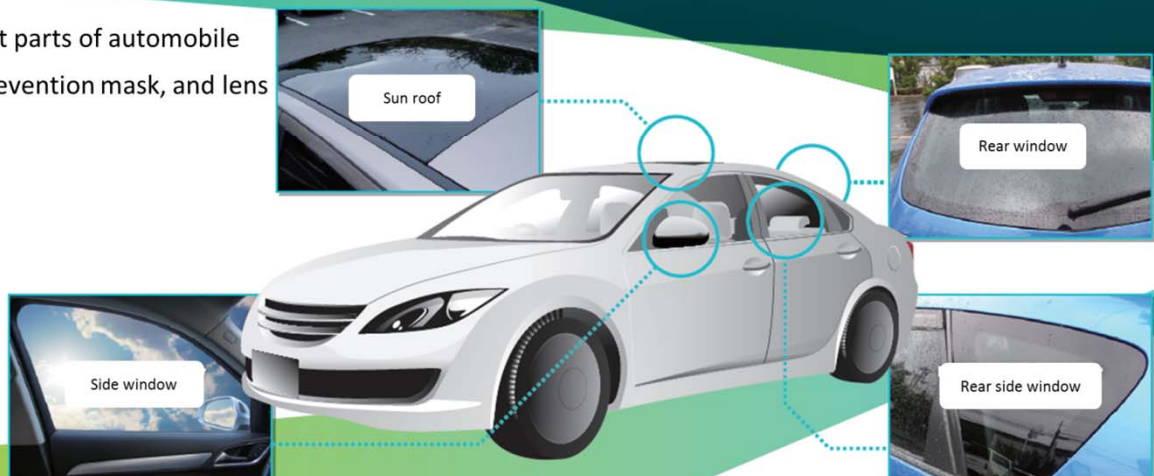
Excellent age resistance of anti-fog property and durability

Two types(UV curing and thermal curing)



Expected applications

- Transparent parts of automobile
- Disaster prevention mask, and lens



Typical film properties of MODIPER[®] H

Test Condition	Non treated Polycarbonate	UV curing	Thermal curing
		MODIPER [®] H1100	MODIPER [®] H2000
Anti-fog property (Exposure 35 °C steam for 5 min.)	Fogging	No fogging	No fogging
Anti-fog property (After water washing, exposure 35 °C steam for 5 min.)	Fogging	No fogging	No fogging
Abrasion resistance (Taber 500 g weight 100 times, haze)	44 %	4 %	10 %
Abrasion resistance (Steel wool 500 g weight 10 times, haze)	19 %	1 %	4 %
Heat-resistance (Exposure 80 °C for 100 hrs.)	No change	No change	No change

【MODIPER[®] H1100 Curing condition】

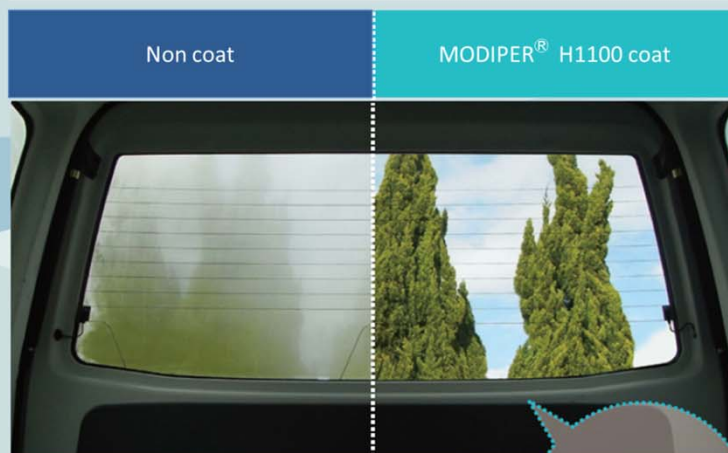
Pre-heating: 100 °C 30 min., UV: 1 J/cm²(O₂ concentration: Under 1000 ppm), Dry film thickness: 20 μm

【MODIPER[®] H2000 Curing condition】

Heating: 100 °C 30 min., Dry film thickness: 7 μm

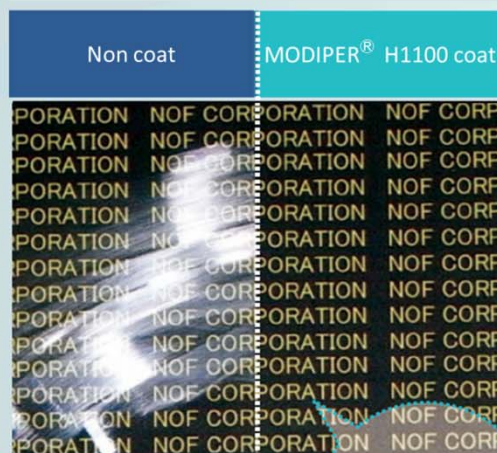
Substrate : Polycarbonate

Anti-fog property(Rear window)



Sharp view!

Abrasion resistance (Polycarbonate)



Excellent abrasion resistance!

“MODIPER” is a registered trademark of NOF CORPORATION.

NOF CORPORATION

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