

ANSER H-S09W is a **white solvent-based ink** designed for high-resolution printing on dark-colored, non-porous substrates. With excellent de-cap performance, H-S09W provides good adhesion on **PS, PVC, Copper, and Stainless Steel**. It also offers excellent optical density and water resistance, ensuring high print quality on the most challenging materials.

## Ink Specification

- |  |                                    |
|--|------------------------------------|
| ■ Ink Type: Solvent-based Ink                        | ■ Color: White                     |
| ■ Filling Volume①: 47 ~ 48 ml                        | ■ Special Feature: Water Resistant |
| ■ Storage Temp: 15 ~ 35°C ( 59 ~ 95°F); 35 to 80% RH | ■ Warranty: 4 months               |
| ■ Operating Temp: 15 ~ 35°C ( 59 ~ 95°F)             | ■ Shelf Life②: 6 months            |

## Ink Performance

- |  |                                      |
|--|--------------------------------------|
| ■ Optical Density③: N/A  | ■ Vertical Resolution: 300 DPI       |
| ■ Decap Time④: 120 minutes   | ■ Printing Speed: 60 m/min @ 300 DPI |
| ■ Target Substrate: PVC, LDPE, OPP, PS, HIPS, Stainless Steel, Copper and other Porous Materials |                                      |

Dry Time Performance⑤:	PVC	LDPE	OPP	PS	Stainless steel
	10 sec	10 sec	10 sec	10 sec	10 sec

## Handling & Special Reminder

- For best print quality, store cartridge in the sealed vacuum bag at recommended storage temperature.
- For best print quality, finish cartridge within one month upon removal from the vacuum bag.
- Please clean cartridge printhead using lint-free cloth (moistened with deionized water) before and after usage.
- When not in usage, please protect the cartridge printhead using original cartridge clip to avoid printhead damages.
- For best print quality, please refer to the "ANSER Cartridge Handling Procedure" for more detail.

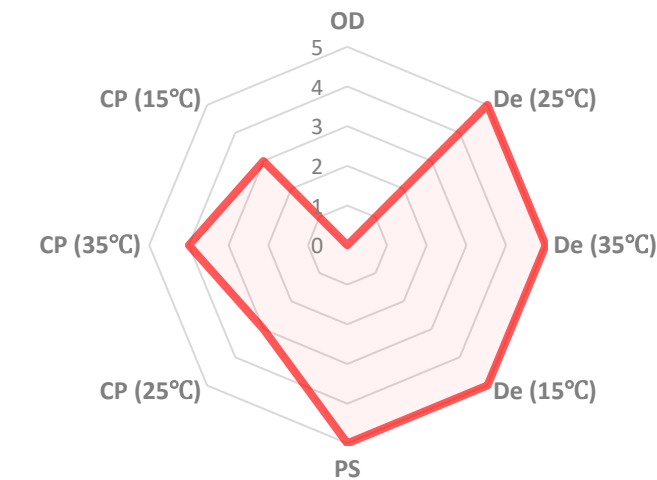
### Remark:

- ① Average ink delivery volume: 34 ~ 36ml. As reference, this may vary by application and environment.
- ② From the cartridge filling date (storage at 25°C)
- ③ Optical Density @ 300 DPI on copy paper
- ④ Decap Time performance at room temperature (25°C)
- ⑤ Dry time (seconds) may vary due to printing environment conditions (temp./humidity) & substrate material differences

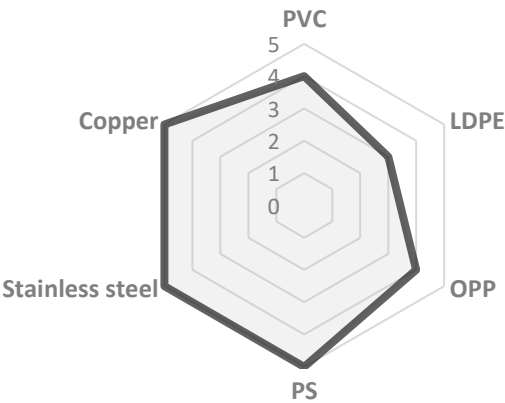
Disclaimer: Ink performance may vary according to the substrate, and environmental conditions. The information presented in this data sheet is intended only as a reference and does not infer a warranty of performance.

Appendix-1: Ink Performance Chart

Printing Performance Ranking



Drying Time on Different Substrates



Ranking Criteria						
Rank	Darkness (OD)①		Decap (De)	Dry Time (Dr)	Print Speed (PS)②	Continuous Print (CP)
5	1.10+		120 min+	<3 sec	60+ m/min	No maintenance requirement
4	1.00~1.09		60~119 min	3~9 sec	50~59 m/min	Occasional maintenance needed
3	0.90~0.99		30~59 min	10~29 sec	40~49 m/min	Frequent maintenance needed
2	0.80~0.89		10~29 min	30~59 sec	30~39 m/min	Continuous maintenance needed
1	<0.80		<10 min	60+ sec	<30 m/min	Cannot be completed

Remark:

① OD = Optical Density, @ 300 DPI resolution

② @ 300 DPI resolution