

Complete solutions



UV inks



Low ink consumption



Color gamut



Services

Onset 560 inks Experience Evolution!

Onset 560 inks help you achieve extra color with less ink. The combination of our patented pigment dispersion technology and our global service & support ensures a cost-effective and smooth production. Upgrade now and take your print game to the next level!

THINK INKJET
THINK **AGFA** 

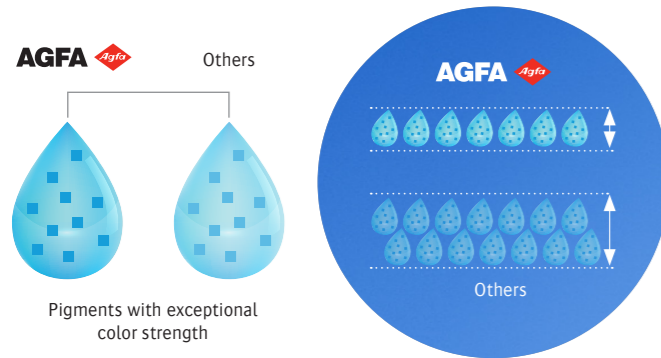
Low ink consumption

Agfa's Onset 560 ink sets are best in class and offer a better ROI than any other non-Agfa ink set for the Onsets available in the market. In other words: ink consumption will be lower. The ink set typically allows for **double-digit ink savings** compared to any non-Agfa Onset inks: up to 30% lower ink consumption in (high) satin mode and up to 10% in gloss mode.*



This is due to our **unique pigment dispersion technology**, which results in exceptional color strength that allows for a minimal ink laydown. Our Asanti software helps reduce ink consumption even more with its smart color management settings, such as Gray Component Removal (GCR). Lower ink consumption also keeps maintenance efforts in check.

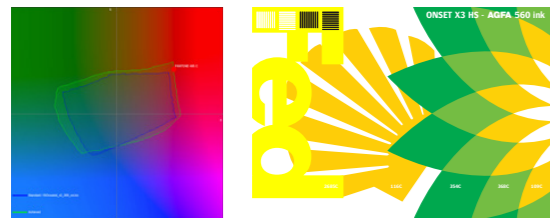
* Depending on image, substrate and print mode



Spot-on red

The Onset 560 ink sets stand out through their explosive color strength and a **gamut that is larger than the ISO coated standard**. In gloss mode, they deliver exceptional color quality that expands the color gamut of your UV printer to include colors that you could previously only dream of.

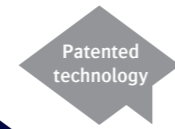
Even challenging colors like a PANTONE 485C red can be achieved with ease. Yet also greens and blues get a boost thanks to the ink's large color gamut. The Onset enables you to hit colors which you could previously only get with solvent printers on glossy substrates.



Wide color gamut

Long shelf life

Thanks to their composition and pigment dispersion qualities, our inks are number one when it comes to longevity.



Pigment dispersion is the first and most important step of the ink production process. Agfa's state-of-the-art dispersion method and processes deliver pigment dispersions of superb quality with very fine and narrow particle size distribution. They are also one of the reasons why our inks have such an extensive shelf life.

Superior print quality



Compared to non-Agfa Onset inks, the Onset 560 ink set provides overall better dot gain control at lower curing power, resulting in **sharper dot edges** and **improved image details**.

Additionally, the new high-quality modes on the Onset printers utilize a unique kind of screening to provide more accurate dot placement. This feature results in **improved resolution and smooth solids**, delivering high-quality printed output with exceptional detail and clarity.

With the Asanti software overprint method in gloss modes, there is a **significant reduction of matting effects in ¾ tones and shadows**.

The Onset 560 ink set also provides a **smooth top surface look and feel**, which not only enhances the high-quality look of the print but also protects it.

GREENGUARD Gold certified



The Onset 560 ink not only offers impressive performance but has also obtained the prestigious GREENGUARD Gold certification, which assures its compliance with strict chemical emission limits and makes it **suitable for use in sensitive indoor environments** like schools and healthcare facilities.

Consistent print output

The Agfa inks are designed to deliver consistent print results. Ink formulation and production method deliver ink batches which show very little variation on performance. We also take great care to tune the inks to work perfectly together with print heads, substrates, workflow and color management software. That's why you'll achieve the highest print quality and a consistent and reliable production process from start to finish.



Exploding colors.
Larger gamut.
Less ink.

The Onset 560 inkjet ink set is an excellent choice for print businesses looking to achieve exceptional color quality and gamut expansion in their UV printing operations, while minimizing ink consumption.

Inkjet experts



The Agfa Group is a leading company in imaging technology and IT solutions with over 150 years of experience. The Digital Print & Chemicals division has been **developing and manufacturing state-of-the-art inkjet printing systems for over two decades**, empowering print service providers to become both more versatile and efficient. Our ink experts create and manufacture all our inks at our headquarters in Mortsel, Belgium. Rigorous screening and testing warrant optimal ink quality and performance. Our extensive research and development in the field of inkjet technology has led to innovative inks that are protected by a vast patent portfolio, covering topics such as ink formulations, pigment dispersions, printing methods and more.

Complete solutions



Our wide-format inkjet printing portfolio contains a range of complete solutions that consist of a **printer with matching software and inks, as well as service and support**. We know all the parts of a printing system, and we have a thorough understanding of how they interact.

That also means that we do not manufacture a single set of inks without **taking the entire print system into account**. As part of the ink development cycle, we optimize the jetting performance of our inks so that they are perfectly tuned to the print heads, substrates, workflow & color management software. That guarantees you spot-on print quality and a reliable production flow.

Service & support



Our **worldwide team of highly skilled service technicians** is on stand-by to assist you whenever needed. The fact that they are based across the globe means limited travel time, and maximal production uptime for you. In addition, we use online monitoring and diagnostic tools, allowing for remote problem solving and interventions.

Of course, we want you to get the maximum out of your printing system. First of all, we support you onsite during start-up and the first production period. Once you are up and running, we offer both standard and customized, advanced training programs. Last but not least, your feedback is important to us: we want to be **true partners** who capture your experiences, needs and challenges and help you grow.

The Onset 560 inks are available for the Onset X series. if you are an Onset Q, R, or S user and interested in learning more, please reach out to your local representative.

www.agfa.com

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More than just ink



Onset X3 HS Dual Flex High 5 –
Material Handling Equipment category



Onset 560 UV inks –
Digital inks UV category