

AFFORD[®]

Digital Printing
Inks

Quality inks.

AFFORD®



About us

AFFORD® is a manufacturer of inks and coatings to solve the needs of its customers decorative or functional needs in their industrial application requirements. As such, AFFORD® is a leader company in the manufacture of inkjet, screen and pad printing inks, UV varnishes, UV flexo inks and UV offset inks.

Founded in 1976, and with its headquarters in Madrid, AFFORD® goods can be identified by its reliability, consistency, quality and innovation. The quality of our products is guaranteed through very tight controls and is widely recognised by our customers in more than 50 countries.

Research is a key element for the success of our company. To keep state of the art products we invest significant amount of resources in R&D.

History

AFFORD® produces screen printing inks since its origins in 1976. Through these years we have developed an extensive screen printing ink range that fulfills almost any demand in the market.

Since 1984 we manufacture UV curable screen printing inks, being one of the pioneer companies in this field. This has allowed us to develop many customized solutions that enable us to provide you a specific ink.

It was a bit later, in 1997, when we bought a little factory called Prosemo, that was dedicated to the production of water based textile inks. This allowed us to enter in the textile market. In 2001 we produced our first plastisol inks and three years later we pioneered again with non-PVC real plastisol inks.

Also in 2001, AFFORD® started the research to produce inkjet inks, As a result, our first commercial inkjet inks were released in 2003. In 2004 our UV inkjet inks were released. Our ecosolvent inks are in the market since 2006.

In 2007 we purchased the screen printing chemical division of Urbion, which was dedicated to the production of emulsions and ancillary chemicals for screen printing. In the recent years we have concentrated in the optimization of our ink ranges, in order to enable our customers to operate with the best productivity. AFFORD® is one of the few companies that is dedicating R&D resources to screen printing.

In 2014 an expansion plan was implemented, adding new manufacturing capabilities and a site expansion.

Today AFFORD® operates on a total of 3000 sqm covered facilities and another 7000 sqm uncovered facilities. A new plant expansion is planned for end of 2016.

Why choose AFFORD®

AFFORD® aims to produce the best inks and coatings. There are many companies producing inks, but we have been doing so for over 40 years and there must be good reasons for that.

We try to exceed the market standards and our production is strictly monitored to achieve batch to batch consistency. These elements conform a unique offer that maximizes throughput and warrants the consistency of the printing process.

AFFORD® is an innovative company, and as such, is in constant evolution. We are pioneers in inkjet ink manufacturing, which was started in 2001, and in UV curable inks and varnishes, whose research was started in 1984. AFFORD® has been recognized by the Spanish Ministry of Industry as "Innovative Company" and has been awarded with R&D recognitions through the years.

AFFORD® has state of the art research and production facilities. We are constantly looking to satisfy special requests for demanding industrial applications. Our extensive knowledge of analogical and digital systems allow us to provide the best solutions for your demands.

AFFORD® UV Curable Inkjet Inks

AFFORD® UV & LED inks are state of the art inks manufactured as high end products, offering superior technologies with highest performance and value.

AFFORD® UV & LED inks are considered to be leaders on the digital market. With special solutions for OCE® Arizona™ series, HP® FB™ series, Efi® Vutek™/Rastek™ and Jetrion®, Afford® can proudly provide one of the largest ink ranges of the market.

AFFORD® UV & LED inks are Plug&Play for most printers, offering superior adhesion and flexible or Rigid option.

AFFORD® also offers specialty primers and coatings in order to provide a complete solution.

AFFORD® has also a range of specialty products for OEM and industrial markets, that are aimed for specific applications. More than 30 years of experience in UV technology and 15 years in inkjet inks make AFFORD® the right partner for your industrial applications.

AFFORD® cooperates with printhead manufacturers to achieve the goal of manufacturing superior ink technologies, consistent and reliable, friendly to end users and environmentally friendly. AFFORD® is one step ahead in this cooperation, designing the inks of the future printheads.

Printhead compatibility: Ricoh® Gen3, 4 & 5, Konica Minolta® 512/1024/1024i, Spectra 256, 128, Polaris and Samba, Xaar 500, 1001 & 1002, Toshiba Tec CA3, CA4 & CE4, Kyocera®, Seiko® SPT, ...

Colors:
C M Y K Lm Lc Ly Lk, W, V,
Rd, Or, Vi, Br, Gr, Security varnishes

Packaging:
220/440/600ml cartridges
1&2 liter bags
3, 3.25 & 5 liter bags
1 & 5 liter bottles



Series	Hardware Printheads	Ink Type	Colours										Special Features	Cartridges		Bottles		Bags+Chip						
			C	M	Y	K	Lc	Lm	Ly	Lk	W	V		220ml	440ml	250ml	500ml	1L	5L	2L	3L	5L		
S-849	KM512/1024; Seiko; Xaar; Dimatix	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Excellent adhesion on rigid substrates					◆	◆			
S-850	KM512/1024; Seiko; Xaar; Dimatix	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Excellent adhesion on rigid substrates					◆	◆			
S-851	Ricoh Gen4	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Excellent adhesion on rigid substrates					◆				
S-852	HP flatbeds	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Perfect colour match									◆
S-854	Océ Arizona / Fuji Acuity	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Good adhesion & high colour strength									◆
S-855	Toshiba Tec	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Good adhesion & high colour strength		◆							
S-858	Ricoh Gen5	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Good adhesion & high colour strength					◆	◆			
S-868	Dimatix Polaris	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	High adhesion to problem substrates					◆				
S-878	Seiko SPT	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Colour match Vutek							◆		◆ ◆
S-879	KM512/1024; Seiko; Xaar; Dimatix	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Flexible for roll-fed & hybrids							◆	◆	
S-880	KM512/1024; Seiko; Xaar; Dimatix	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Flexible for roll-fed & hybrids							◆	◆	
S-881	Ricoh Gen4	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Highly flexible for roll-fed & hybrids							◆		
S-885	Toshiba Tec	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	High density colour with good adhesion		◆							
S-888	Ricoh Gen5	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	High frequency							◆	◆	
S-890	Epson DX-5	Rigid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	LED & UV-curable	⊙	⊙	◆	◆	◆				
S-892	Kyocera KJ-4A	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	UV-curable							◆	◆	
S-898	Dimatix Polaris	Flexible	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Highly flexible for roll-fed & hybrids							◆		

AFFORD® WATER BASED INKJET INKS

AFFORD® produces water based inks for inkjet printers for both Thermal Inkjet Technology and Piezo Inkjet Technology.

AFFORD® manufactures both pigment and dye based inks.

Excellent performance and high resolution on all medias, with consistent color density values and wide color gamut, are the main characteristics of AFFORD® water based inks.

AFFORD® also develops many inkjet ranges for industrial applications, in which an environmentally friendly ink is essential, such as wood laminates, parquet flooring, book edition, magazine printing, etc.

Print-Head Compatibility: Epson, Thermal (Hp and Canon), Kyocera.

Packaging:

220, 350, 680, 700 and 775ml cartridges.

1 liter bottles

Colors: C, M, Y, K, Lc, Lm, Lk, Llk, Mk.

Series	Hardware Printheads	Colours								Special Features	Cartridges				Bottles		
		C	M	Y	K	Lc	Lm	Lk	Llk		220ml	440ml	680ml	775ml	250ml	500ml	1L
S-611	Epson DX5 / 6 / 7 printers	◆	◆	◆	◆	◆	◆	◆	◆	High gamut pigment inks for proofing							◆
S-670	HP DesignJet 5000/5500	◆	◆	◆	◆	◆	◆	◆	◆	Dye inks, very close OEM colour match			◆				◆
S-675	HP DesignJet 5000/5500	◆	◆	◆	◆	◆	◆	◆	◆	Pigment inks with close match to OEM			◆				◆
S-685	HP DesignJet Z6100 series	◆	◆	◆	◆	◆	◆	◆	◆	Good adhesion & high colour strength				◆			

AFFORD® LATEX BASED INKJET INKS

Once again AFFORD® has demonstrated the technology know how by formulating Latex inks suitable for Hp latex printers. These inks are fully compatible to OEM ink wide format printers, without the need of making ICC color profile and improved scratch resistances.

Print-Head Compatibility: Thermal

Ink Compatibility: HP Latex 789, 792 and 831

Packaging:

775ml cartridge

Colors: C, M, Y, K, Lc, Lm.



Series	Hardware Printheads	Ink Type	Colours						Special Features	Cartridges
			C	M	Y	K	Lc	Lm		775ml
S-231	HP Designjet L310/330/360	Latex	◆	◆	◆	◆	◆	◆	OEM match	◆
S-289	HP Designjet L25500	Latex	◆	◆	◆	◆	◆	◆	OEM match	◆
S-292	HP Designjet L26500 / L26500	Latex	◆	◆	◆	◆	◆	◆	OEM match	◆



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