

:Aspire

High Performance Violet photopolymer plate for Commercial Print Applications

:Aspire is an advanced violet sensitive, photopolymer plate which has been created for commercial printers who need high-performance combined with ease of use.

:Aspire offers high sensitivity for maximum platesetter productivity and will give high resolution imaging as well as dependable press performance and durability.

:Aspire is compatible with all leading violet platesetters and builds on Agfa Graphics' violet heritage and market leadership in violet plate technology. :Aspire combines an advanced violet sensitive plate coating together with Agfa Graphics' proven high quality grained and anodised aluminium substrate.

New levels of quality and performance

The high performance :Aspire plate combines outstanding lithographic quality with easy handling and excellent durability.

Proven benefits of violet-laser imaging

Violet diode platesetters have proven benefits for commercial printers needing a low cost of ownership, offering the winning combination of long life and absolute reliability.

:Aspire is yet another proof of the lasting success of violet CtP. With its optimized photo-layer and improved substrate characteristics, :Aspire sets new standards of photopolymer plate technology for violet laser imaging.

Outstanding press performance

:Aspire combines fast, accurate and wide-latitude plate exposure with simple processing and robustness. The highlight dots are durable and tough enough to give a high-quality press performance even on the longest press runs. Run length depends on press conditions and job content, but :Aspire is rated for runs of up to 300k under normal conditions and up to 100K for UV conditions. Baking will further improve run length by up to 100%

Proven Plate Processing

:Aspire is compatible with all major photopolymer plate processors as well as Agfa Graphics' industry-leading VPP and VXP processors. The plate uses the standard pre-heat and prewash followed by the normal development, wash and gum procedure.

:Aspire uses Agfa Graphics' proven PL10 chemistry for image development.

Advanced Substrate Technology

:Aspires uses Agfa Graphics' proven grained and anodised aluminum substrate technology to give the best possible press performance, durability and press latitude. Agfa Graphics' advanced electrochemical graining and anodising give the reliability and robustness needed by a modern pressroom.

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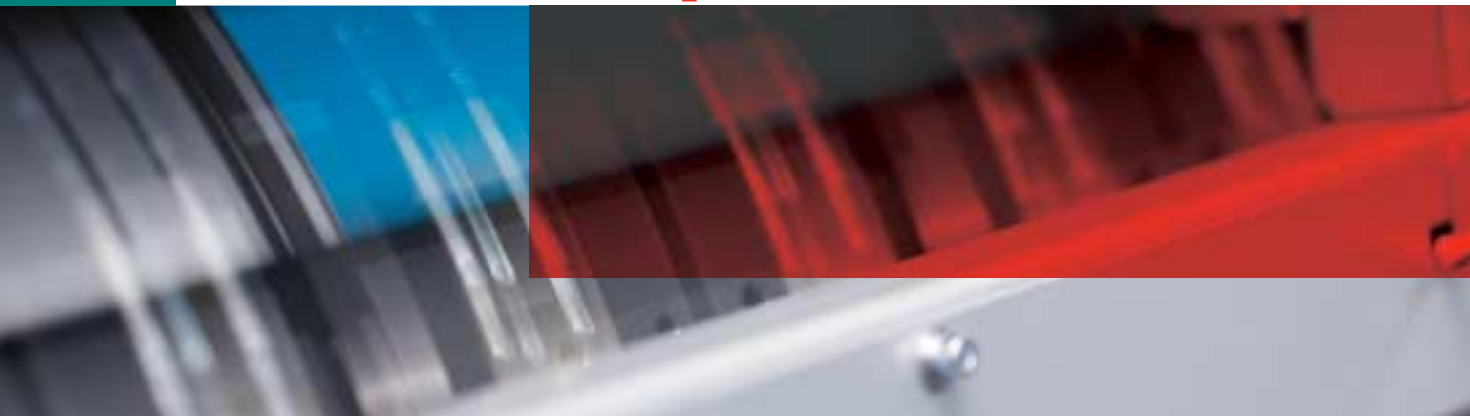


Plate Specifications :Aspire

Plate type	Negative-working high-speed laser plate
Coating	Photopolymer
Gauges	All popular plate gauges (max.0,30 mm)
Surface	Electrochemically grained and anodised
Sizes	Commercial sheetfed & web
Sensitivity	405nm violet laser diode
Resolution*	3-97% at 200 lpi for ABS 1-99% at 210 lpi for :Sublima
Processor	Agfa VPP, VXP. Also compatible with qualified non-Agfa processors.
Chemistry	PL10/PL10Ri
Processor speed	Up to 2.2 m/s
Working conditions	Operating temperature 21-25°C / Relative humidity 40-60%
Storage conditions	Shelf life 24 months if kept at < 30°C and relative humidity 35-55%. Do not expose to 50°C temperature for more than 24 hours
Run length**	Up to 300,000 unbaked / Up to 100,000 with UV inks / Up to 500,000 baked

* Resolution dependent on platemaker

** Run length dependent on press conditions

Agfa Graphics' Optimised Pressroom Chemicals

Plate Cleaner	Conventional Inks		CtP Plate Cleaner
	UV inks		UV Plate Cleaner
Washout Gum			Cleangum
Fountain Solution	Sheetfed	Conventional printing (8-12% IPA)	Prima FS303 SF
		Alcohol reduced printing (4-8% IPA)	Prima FS404AS
		Alcohol free printing (0-5% IPA)	Prima FS808 AF Anturafount AFS1
	Heatset	Conventional printing (8-12% IPA)	Prima FS707 Web
Alcohol free printing (0-5% IPA)		Prima FS909 AF Web	
Roller and Blanket wash	Sheetfed Wash		Xtrawash Plus 60 Xtrawash Plus 60E
	Heatset Wash		Hydrowash Roto
Machine Finisher			Unifin – RC795
Baking Gum			RC510
Desensitising Agent			PlateEtch Plus
Correction Material	Deletion Pen		Polymer Deletion pen
	Addition Pen		KC091

A chemical passport indicating the most appropriate chemistry is available for all AGFA plates.