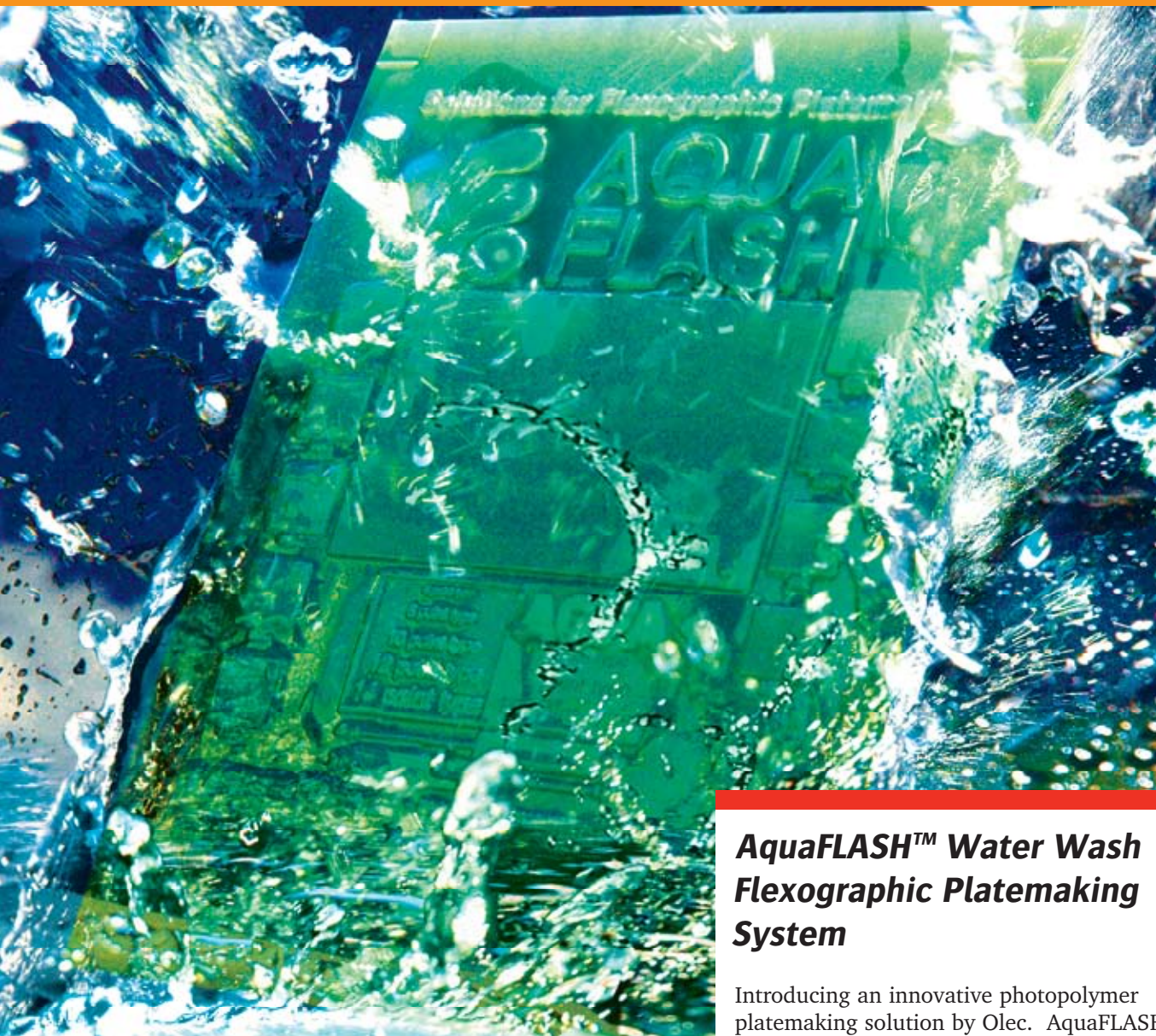


Photopolymer flexographic printing plate system

:AquaFLASH™



AquaFLASH™ Water Wash Flexographic Platemaking System

Introducing an innovative photopolymer platemaking solution by Olec. AquaFLASH is the fastest flexo platemaking system available in the market today, capable of making a finished plate in less than 45 minutes. The AquaFLASH system allows for parallel platemaking capabilities producing a set of four fully processed plates in under 70 minutes. Additionally, the plate is more environmentally friendly as it uses a water wash system instead of harsh chemicals to process the plate. Capable of resolutions up to 175lpi, AquaFLASH meets your high standards for quality and fast turn-around.



The image shows a close-up of a photopolymer flexographic printing plate with embossed text. In the background, there are two cylindrical containers, likely for the photopolymer material. The overall color scheme is green and orange.

:AquaFLASH™

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The fastest flexo platemaking system

Speed

These days timing is everything and you can count on AquaFLASH to enable higher productivity for your business. As one of the fastest platemaking systems available, your AquaFLASH plate will be ready in about 45 minutes. Parallel platemaking capabilities of the system enable you to get a full set of four plates out in about 70 minutes, faster than any of those solvent systems.

So how long does it take?

The entire platemaking process takes less than an hour and is produced in 5 easy steps:

1. The back is exposed to create the desired relief depth – 1 minute.
2. The plate is exposed to UV light rays – 10 minutes.
3. Wash-out of non-image area – 9 minutes.
4. Dry the plate – 10 minutes.
5. UV cure the plate – 10 minutes.

Quality

Wondering what kind of quality you can get from a water wash system? With AquaFLASH's unique polymer technology, high quality is a given. Looking to get up to 150 and 175 line screen to compete? No problem . . . Using an Olec Point Light Source Exposure System, AquaFLASH can reach resolutions of up to 175 with conventional screening.

Features

High Resolution Platemaking

- Capable of 175 lpi using Olec Point Light Source
 - Capable of 212 lpi using FM screening
 - 1% ~ 99% range

Ecology Minded

AquaFLASH's water wash system means that it is more friendly to the environment than those solvent processing systems.

- Water wash processing
- No harsh solvents
- No expensive removal systems

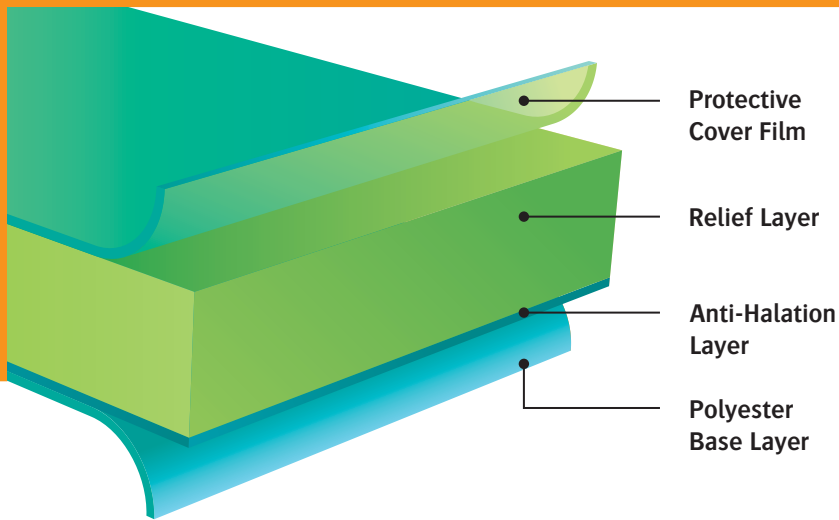
Fast Production Process

- Parallel platemaking
- 45 minutes to make first plate
- 75 minutes to generate a set of 4 plates

Excellent Printing Performance

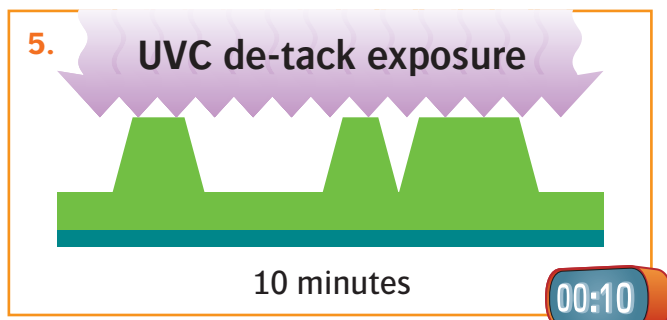
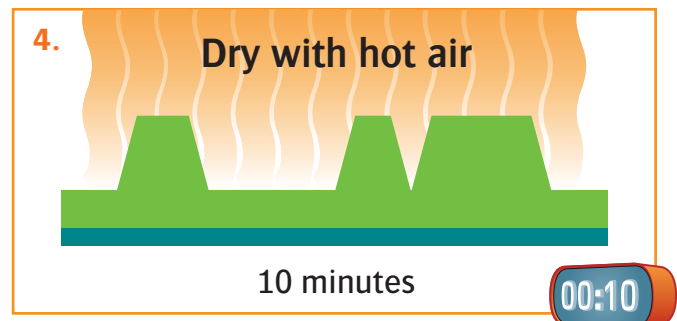
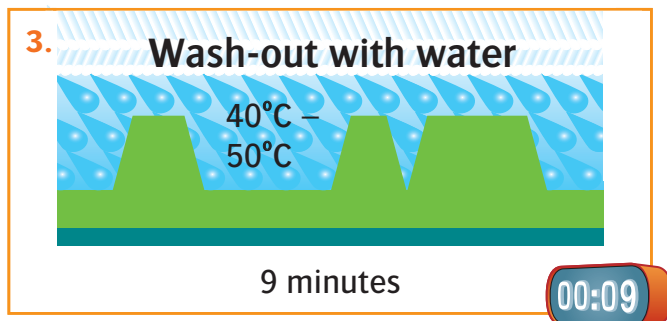
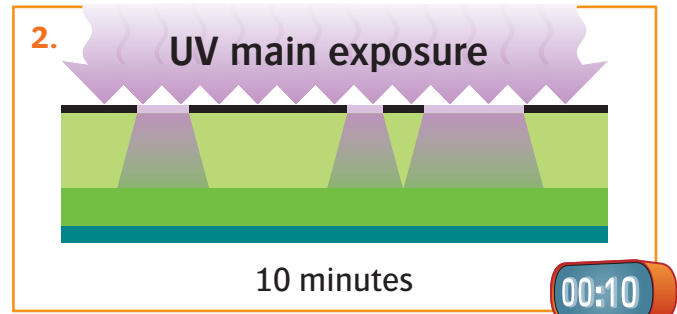
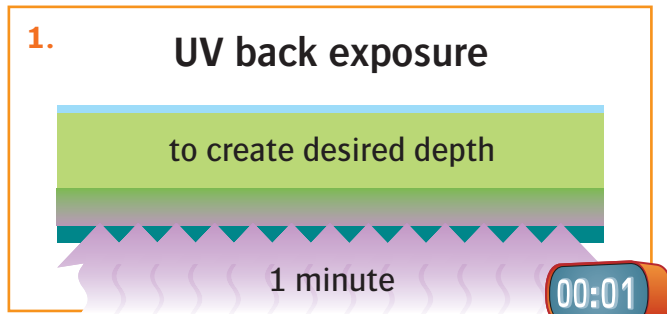
The high abrasion resistant surface of the AquaFLASH plate ensures that you get the long run-length you need out of each plate. Its consistent relief hardness ensures exceptional ink transfer especially where you need it most.

- Long press runs
- Excellent ink transfer
- Consistent relief hardness



Less than 1 hour* in 5 easy steps:

*as compared to approximately 3.5 hours for solvent based processing



:AquaFLASH™



Flexo Plate Comparison Chart

| | AquaFLASH™ | Solvent based |
|---|------------|---------------|
| Press ready plate in an hour or less. | ✓ | |
| Uses water wash system | ✓ | |
| Olec Point Light Compatible | ✓ | ✓ |
| Works with UV, water & alcohol-based inks | ✓ | ✓ |
| Proven run length up to several million | ✓ | ✓ |
| High resolution | ✓ | ✓ |
| Compatible with all substrates | ✓ | ✓ |



AquaFLASH™ Will print any substrate such as:

- Tags and labels
- Envelope stocks
- Plastic Carrier Bags
- Flexible packaging - non absorbent, polymer film, food bags, candy, pouches
- Folding cartons

For more information about AquaFLASH™ flexographic plates contact Olec Corp:
 1850 East St. Andrew Place
 Santa Ana, CA 92705

1-800-847-6532

Authorized Distributor



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