GMSPACIFIC

DANTEX
Plates & more

Aquaflex Optima Flexographic Plate for U.V. Flexo and Co-solvent Inks

The latest addition to the AQUAFLEX plate range from Dantex is **OPTIMA**. A LAM plate, offering superb quality in the fastest possible time.

OPTIMA has been specially developed for use with Flexographic ink formulations, including UV, alcohol/ester and other co-solvents.

High speed plate processing ~
Screen range: 1-95% at 175lpi (Digital) ~
High quality, cost effective processing ~
Long run capability ~
Available in analogue and digital formats ~

Aquaflex Optima & Optima Digital

GMS_18082016

Optima Analogue & Digital flexographic printing plate

OP/OPM/OPH ~ **Analogue plates** can be made by exposing the image using matt negative film.
DOP/DOPM/DOPH ~ **Digital plates** are imaged using 'LAM' technology CTP systems..

Features

- ~ Deep reverses
- ~ Fine resolution
- ~ Excellent ink transfer
- ~ Dimensionally stable press performance
- ~ Faster and cleaner processing.
- ~ Wide latitude to maintain isolated dots
- ~ Tough & abrasion resistant polymer for long runs

Plate types and available thicknesses

D/OP	50/5	ShoreA	1.14 - 1.70 - 2.30 - 2.54 - 2.84	(mm)
D/OPM	55/60	ShoreA	1.14 - 1.70	(mm)
D/OPH	60/5	ShoreA	1.70 - 2.30 - 2.54 - 2.84	(mm)

Analogue:	*150lpi 1%*
Digital:	*175lpi 1%*

Major specifications

Base	Polyester	Dispro	See separate tech sheet
Cover film	Matt	Fine line	40 micron
Colour	Pink	Isolated dot	100 micron
Wash-out	Water - brush action		

Plate Making	1.14mm	1.70mm	2.30mm	2.54mm	2.84mm
Back exposure	30 sec.	100 sec	130 sec	140 sec	200 sec
Main exposure	6-8 min	8-10 min	10-12 min	10-12 min	10-12 min
Wash out	4 min	7 min	9 min	11 min	12 min
Water temp.	50˚C	50˚C	50˚C	50˚C	50˚C
Drying time	10 min	10 min	10 min	10 min	10 min
Drying temp.	60˚C	60˚C	60˚C	60˚C	60˚C
Post exposure	10 min	10 min	10 min	10 min	10 min
Detack	10 min	10 min	10 min	10 min	10 min

The above settings are a guide only.

Quick & Easy plate making
Excellent resolution - Superb printed results

Optima is a member of the Aquaflex range of plate materials

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