

FORMULATING A GREENER WORLD™

# AQUATHERM™ *sp*

Water Washable Thermal Negative Plate

- ✓ Fast laser imaging
- ✓ Water & On-Press Processable
- ✓ Excellent resolution
- ✓ FM capability
- ✓ Reliable on press
- ✓ Suitable for UV-Inks
- ✓ Daylight handling



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## TECHNICAL SPECIFICATIONS

Plate	Non-ablative thermal negative plate with wide operating latitude, optional post UV exposure or post baking for extremely long runs with normal and UV inks.
Thickness available	0.15mm (.006"), 0.20mm (.008"), 0.30mm (.012") and 0.40mm (.015").
Spectra sensitivity	800-850 nm
Platesetter compatibility	Kodak Trendsetter, Kodak Lotem, Kodak Magnus Platesetters, Screen PT-R Plate-setters, Heidelberg Topsetter, Suprasetter Platesetters, and Luscher Xpose! Plate-setters.
Laser energy required	75 - 125 mJ/cm <sup>2</sup>
Resolution	1% to 98 % @ 300 lpi.
FM capability	20 micron stochastic.
Processors	Any suitable processors for thermal positive and negative plates.
Developer	Water and 1.0 % <b>NP1 Processor Cleaner</b> .
Plate finisher	Recommended to use <b>ML140G</b> Plate Finisher.
Processing	30 seconds dwell time at temperature between 23 and 30 °C.
Post UV exposure	2 - 3 minutes under any UV exposure unit using for PS plates.
Post baking conditions	Apply <b>ML140B</b> Baking Gum before baking <ul style="list-style-type: none"><li>• Static oven: 220 – 230°C for a duration of 3 – 5 minutes</li><li>• Online oven: 240°C for a duration of 4 minutes</li></ul>
Run length	100,000 impressions unbaked and 1,500,000 UV exposed or baked. 250,000 impressions with UV or EB inks after post baking. (Actual run length may vary according to press, ink and paper conditions).
Safelight	2 hours under white light and 4 hours under yellow light.
Shelf life	12 months under recommended storage conditions.
Packaging	Available in all standard formats, including bulk and Auto Pallet Loader (APL) formats.
Transport and storage	Unopened plate packs should be stored flat and away from excessive cold, heat and humidity. Use in a controlled environment of 10 - 26°C and 40-80% RH, non-condensing.
Availability	Contact your local MyLan Printing Media Corporation representative. See the list of our Distributors at <a href="http://www.mylanprintingmedia.com">www.mylanprintingmedia.com</a> for contact information.



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