

General purpose high speed positive plate

:Meridian P55



***Reliable,
general purpose,
high speed positive plate***

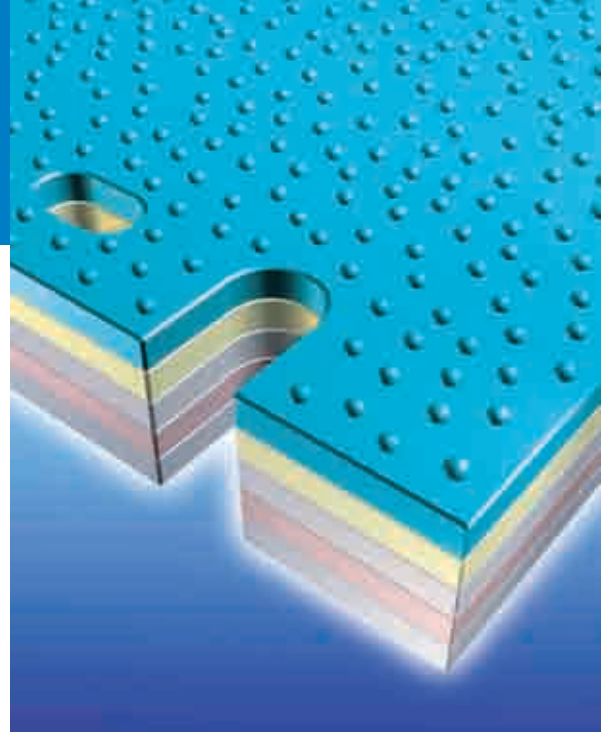
Agfa's Positive Plate :Meridian P55 is a general-purpose high speed plate, suitable for a wide range of applications in medium run sheet-fed and web printing.

:Meridian P55 is a positive reversible printing plate with premium quality photo coating on an excellent aluminum base.

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:Meridian P55



High productivity and reliable press performance

- Short exposure time
- Reversible exposure with positive and negative films
- Fast, clean processing
- Strong image colour for easy inspection
- Reproduction in the range 3%-98% up to 150 lpi/60lpc
- Fine even grain structure providing good damping latitude
- Low fountain solution consumption
- Rapid ink/water balance
- Excellent clean-up properties reducing waste
- Medium run length
- Can be baked for extra long runs
- Excellent draw-down and anti-halation properties

Technical specifications

Feature	:Meridian P55
Plate type	Electrochemically grained and anodised aluminium
Colour of coating	bluish green
Resolution	Ugra test wedge microlines : 6 μ
Recommended exposure (5KW, distance : 1.2m)	300-400 mJ per cm ² Clear step 3 on Fogra wedge
Screen range	3% - 98% at 150 lpi
Water consumption	Low
Run length	Up to 100,000 *
Run length after baking	Up to 250,000 *
Run length for UV inks after baking	Up to 100,000 *
Plate gauge	0.15 mm, 0.30 mm, 0.40 mm
Plate size	Maximum width 1500 mm
Grain direction	According to the demands of web or sheet-fed specifications
Shelf life	18 months Storage temperature 5 - 30° C, humidity 30-70%
System developer	Prima DP200
Developer dwell time	20 to 30 s
Developer temperature	21 to 24°C
Replenisher	Prima DP200 R
Replenishment rate	30-50 ml/m ²
Developer concentrate	Prima DP400 (1:9 dilution with water) replenisher DP400 (1:7 with water) developer dwell time 15 - 20 s developer temperature 22 to 24 °C
Ideal gum	RC795 for machine and hand gumming and RC510 for baking.
	* Run length dependent on press conditions

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