

Mastering a Pioneer Technique: Water-based Pad Printing



Sometimes wishes do come true!

With Maqua® Pad MAP, the water-based decoration of textiles, toys, and other sensitive applications is no longer a future dream!

Solvent-based inks have been the standard pad printing technology for years. A keen focus on product safety has propelled the interest to alternative chemistry – especially for sensitive applications such as toys, but also for textiles (“tagless printing”).

Maqua® Pad MAP is the world's first water-based pad printing ink available on the market that meets all the requirements of the toy and textile industry.

Applications

- Natural or synthetic fabrics
- Wood, ABS, PS, PVC, PC, PA
- After pre-treatment, Maqua® Pad MAP also adheres well to PP and coated substrates

Comparison	Maqua® Pad MAP	Solvent-based pad printing
Solvent emission	+++	-
Smell	+++	-
Measures for work safety	+++	-
Flexibility	+++	++
Resistances	++	+++
Drying	+	++

For further information please refer to the Technical Data Sheet on www.marabu-inks.com

Your Benefits:

Water-based ink system

- Nearly odourless
- Very low VOC values, low level of solvent contamination
- Less work safety measures required

Safety for textile and sensitive applications

- Suitable for applications according to the directive 2009/48/EG („Toys directive DIN EN 71/3“)
- Lowest PAH values, made without the use of BPA/BPS
- High safety standard for manufacturer and consumer
- Soon to come: GOTS certification / ECO PASSPORT

Alternative to transfer or sew-in labels

- Fast, economical, wearer-friendly

Highly resistant dried ink film

- Best washing and ironing resistance
- For robust and durable toy surfaces

One-component processing for non-textile substrates

- Cost-efficient: No pot life, no ink residuals

Tampacolor colour range

- Satin gloss and high-opaque shades
- Soon to come: PANTONE®, HKS®, RAL formulas

In the event of any queries, please contact:

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