

Marabu at drupa 2016

It is a drupa year and Marabu will be showcasing its digital range, including textile transfer printing, new Plug&Print inkjet inks as well as UV direct printing onto glass. When it comes to product safety its screen and pad printing inks provide new solutions.

Tamm, Germany, 21. March 2016 - "Drupa is in town again" and Marabu will be a part of it: In hall 3, booth A87, the ink manufacturer will be showing its new Plug & Print inkjet ink for ECO-SOL MAX 3, a concept for digital textile transfer printing, and the variety of UV direct printing onto glass. In terms of product safety and printing inks, Marabu provides new solutions for screen and pad printing. By partnering with SCREEN Marabu presents the wide format UV printing system Truepress Jet W3200UV in its portfolio for the first time.

Graphical digital printing – New Plug&Print alternative for ECO-SOL MAX 3



For graphical digital printing applications Marabu will be showcasing the solvent-based Mara® Jet DI-SX Plug&Print inkjet ink suitable for the latest generation of Roland printers. Including the new 500ml cartridges as the economical alternative for ECO-SOL MAX 3. The 440ml cartridges provide a chip for ECO-SOL MAX 2. Both containers deliver perfectly adjusted colour shades for excellent Plug & Print compatibility, changeover without profiling, excellent scratch

and chemical resistance. The health-friendly ink system provides a nickel-free yellow, light black and shiny metallic shades. Thanks to fast production speeds, the DI-SX is especially suited for roll-to-roll prints.

„Cold Peel“ – Digital textile transfer printing



In cooperation with Mutoh, Marabu will be presenting its new digital concept for "cold peel" textile transfer printing onto T-shirts. One plus in comparison to sublimation printing is the wide variety of fabrics which can be printed. With the new pigmented resin Texa® Jet ink, Marabu combines the advantages of current transfer printing technologies in one application: The design is printed in CMYK colour mode directly onto the foil without a time-consuming pre-press process. Only the

white barrier layer is applied using screen printing. The small layer thickness of the final patches allows a soft look and feel, thus increasing the wearing comfort of the printed T-shirts. In this time and effort saving process low and medium size orders can be produced with excellent resistance in high definition and bright colours. The digital textile transfer concept will be shown on a Mutoh ValueJet 628 live at the Marabu booth. The final patches will be transferred via a heat press.

SCREEN appoints Marabu as specialist reseller in Germany

SCREEN has announced the appointment of Marabu as a reseller for the Truepress Jet W32000UV wide-format UV printer series in Germany. "The SCREEN Truepress Jet is a superb UV printer and, in combination with our Ultra Jet UV-curable inks for rigid and flexible substrates, delivers high-impact and durable signage and POS products", says Andreas Koch, Executive Vice President, Business Unit Digital Inks, Marabu. "We can now offer our customers a complete package of printer, ink and support – a one-stop service that makes life much easier for our busy customers."

Product safety – Sensitive products meet extraordinary solutions



Toys, baby products, or medical equipment are sensitive products which have to fulfil strict requirements to guarantee the safety of consumers' health and wellbeing. It must be guaranteed that neither the substrate itself nor the printing ink contain harmful substances. Marabu provides various possible solutions: In addition to the pad printing inks Tampa[®] Tex TPX and Tampa[®] Plus TPL, Marabu has developed new water-based spray inks and paints which meet precisely these specific requirements of sensitive products. They are compliant to EN71-3 as well as PAH- and BPA/BPS-free. At the same time, they offer good resistances and are suited for a wide range of applications. For medical equipment, like disposable syringes with accurate and readable scales, Marabu provides the screen and pad printing ink Mara[®] Prop PP together with a new opaque black. The PP is easily printable in different climatic conditions and provides good coverage.

Low-migration – New UV screen printing ink for cosmetic packaging

Besides rising technical and optical requirements for printing inks, the focus for cosmetic packaging (like shampoo bottles, toothpaste tubes etc.), is more and more on minimizing unwanted transfer from the outer decoration into the content. Ink ingredients should not pass into the cosmetic product in order to protect the consumers' health. The carefully selected ingredients for the new Ultra Pack UVCP fulfil purity criteria that is based on the requirements for food packaging. This makes the UVCP particularly suited for the decoration of cosmetic packaging. The use for cosmetic packaging is also covered by a basic analysis, and a risk assessment.

Glass decoration with digital UV direct printing, screen or pad printing



At drupa, Marabu will showcase the wide variety of digital UV direct printing onto glass. The Ultra Jet inkjet series can be used for high-end designs on flat or curved glass surfaces. Additionally, Marabu will present its Mara[®] Glass MGL solvent-based screen printing ink and its Tampa[®] Glass TPGL pad printing ink for glass decoration. MGL is ideal for high-gloss results on flat and hollow glass and its colour range is supplemented by new high-opaque shades. Durable TPGL ink is suitable for a variety of tasks, and performs especially well on rounded objects such as small glass jars for cosmetics. As a universal ink solution for glass printing, the UV-curable Ultra Glass UV ink series have proven their strengths in the market for years. They feature the most comprehensive portfolio of their kind including a new high-gloss silver as well as a new varnish for tactile effects.

Industrial printing solutions for automotive and touch panels

An application segment of growing importance are input devices, such as membrane switches and capacitive touch panels made from glass or plastic. These have become an essential feature of electronic control and operating equipment – and not just in the automotive sector. Marabu offers solvent-based or UV-curable ink systems like the Ultra Switch UVSW for all common makes of foil. Ultra Switch UVSW, for example, cures rapidly and does not clog the mesh screen. What's more, the ink film manages to combine incredible elasticity with excellent adhesion between the individual layers. The solvent-based Mara® Switch MSW is suitable for front panels and membrane switches, high-quality flat input systems in industrial plants and a variety of controls such as black or white panels. The non-conductive MSW ink system provides high-opaque colour shades as well as high adhesive and moisture-resistance. Moreover, Marabu will present a new package for membrane switches that combines the advantages of screen and digital printing technology. This combination makes the production faster, easily customizable and cost-effective.

Premiere at drupa – The German Printing Ink Industry will be presenting lecture blocks



At drupa 2016, the Sector Group Printing Inks of the German Paint and Printing Ink Association (VdL) will present the versatility of printing inks in twelve lecture blocks. The presentation stand "Link to ink – The combined know how" will be located in Hall 3, stand 3B16. For the first time the German printing ink manufacturers dedicate their resource to provide such a demanding programme at drupa. VdL is herewith supported by the European Printing Ink Association EuPIA. The presentations range from the composition of various inks, explaining their life cycle and issues related to packaging safety. Not be forgotten is colour as a marketing tool, the influence of eco-labels and the challenge arising from energy curing products. The lectures are held in German and in English over several days by renowned experts from the Sector Group "Printing Inks" of VdL. Marabu will present the potentials of digital printing and options of screen printing.

Marabu GmbH & Co. KG



Marabu is a leading global manufacturer of liquid coatings and screen, digital, and pad inks with headquarters near Stuttgart, Germany. Marabu's track record of innovation stretches back to 1859, featuring many industry-first solutions for both industrial

applications and graphic design. With its 15 subsidiaries and exclusive distribution partners, Marabu offers high-quality products and customer-specific services in more than 80 countries. Exceptional technical support, hands-on customer training, and environmental protection are core elements of its corporate philosophy. Sustainable business practices are also key to Marabu's vision. These have been implemented through a number of initiatives, with concrete results – and the company is committed to maintaining this course of action in future. Marabu has been certified to ISO 9001 since 1995 and to ISO 14001 since 2003.