

Bright UV Future for Membrane Switches



UV-curable inks have become an important counterpart to solvent-based inks in the membrane switch market. By balancing the individual benefits skilfully you will be able to achieve stunning results.

Ultra Switch UVSW is based on modern UV raw materials and fulfils highest technical and optical requirements on front panels, membrane switches and other operational controls.

An extremely elastic and adhesive-resistant ink film allows simple post-processing and guarantees the bonding with the common spacer materials without dissolving the ink film.

Applications

Ultra Switch UVSW is a screen printing ink for membrane switches made of polycarbonate and coated polyester foils.

UVSW can be combined with the solvent-based ink series for membrane switches Mara® Switch MSW and Mara® Star SR, as long as the bottom layer is printed with UVSW, followed by an overprint with MSW or SR.

Comparison	UVSW	MSW	SR
Flexibility / stampability	++	++	+
Life test according to DIN 42115 > 2 million strokes	++	++	++
Peel-off values > 20 Nm	+++	++	++
Odour	++	++	+
Opacity	+	++	++

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

Your Benefits:

Unlimited mesh opening!

- Excellent detail reproduction, even for large print runs
- No cleaning stops

No solvent evaporation

- Constant colour accuracy
- User-friendly!

Very short drying times

- For fast production speeds

Extremely elastic ink film

- Very convenient for post-processing steps (stamping, die-cutting, bonding)
- Highest quality and process safety

Very good (intermediate) adhesion of the single ink layers

- Very high peel-off values

Compatible with Mara® Switch MSW and Mara® Star SR

- Flexibility to combine UV-curable and solvent-based inks according to the respective requirements (see Technical Data Sheet)

In the event of any queries, please contact:

Technical Hotline

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