

Specialist for Membrane Switches



In sectors such as plant construction or medical equipment, membrane switches serve as important operational elements. Processes and materials used in this demanding segment – foil, adhesive, ink – must be smoothly adjusted. Beyond durable function and appearance, a great variety of color shades and special effects are key considerations.

Unlimited design possibilities: With the well-conceived color range of Mara® Switch MSW it is possible to mix innumerable, attractive color shades and metallic effects. The MSW formulation provides both very good mesh opening and fast drying as well as a process-safe post-processing thanks to a flexible ink film. MSW is compatible with the common coated PET materials and adhesives and guarantees excellent adhesion and high peel-off values.

Applications

Membrane switch operational elements can be found in industrial and agricultural plant construction, domestic appliances, medical equipment, etc.

Comparison	MSW	SR	UVSW
Flexibility / stampability	++	+	++
Life test according to DIN 42115 > 2 mio 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:

Perfect rheologic and thixotropic adjustment

- For excellent mesh opening, drying, and printability
- Time and cost saving

Very flexible ink film

- Outstanding suitability for post-processing steps like stamping, forming, die-cutting
- Quality and process safety

Compatible with Mara® Star SR and Ultra Switch UVSW

- Flexible use of UV-curable and solvent-based ink systems (see Technical Data Sheet)

High-quality pigmentation

- High fade resistance of colour shades, and non-yellowing whites

In the event of any queries, please contact:

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