

SCREEN PRINTING INK

80UV RANGE

fast and highly reactive

SunChemical®

Coates Screen Inks

The product range for printing on plastic hollow bodies.



Technical Data

Ink Type Screen printing ink
Base: UV-radiation curing
 UV-LED curing

Gloss level: High
Reactivity High

Please see information on reverse side



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80UV



Ready for use on high-speed multi-colour printing lines: medium viscosity with only a slight thixotropy, mainly for technical packaging such as cartridges
 Alternative: Hardener Additive UV/H

81UV



Like 80UV but with higher thixotropy, mainly for printing on buckets and bottles made of PE/PP
 Alternative: Adhesion Promoter 551903

83UV



Like 81UV, optimized for UV-LED curing

85UV



Low-Migration version of 80UV, also suitable for food packaging.

86UV



! NEW
 NextGen advancement of 85UV with extremely low migration potential, thus preferred for printing directly on food packaging.

The 80UV product range is the first choice for printing on hollow materials made of polyolefins (polyethylene, polypropylene). The highly reactive inks are best suited for multicolour lines with high cycle time. Best results can be obtained when all inks are printed in just one machine run.

Compared with 80UV, ink series 81UV shows a modified rheology and thus may be a beneficial alternative depending on the machine type.

Ink series 83UV is designed for curing with UV-LED lamps but fully maintains the good performance of the other inks of this group designed for conventional UV curing.

The low migration potential is the special feature of 85UV. This low-migration ink is suitable for printing on food packaging. Also this version is adjusted ready for printing with high cycle times.

Our latest member in this group is our new **Ultra-Low-Migration series 86UV.**

We have sent realistic test prints to a leading accredited testing institute in Germany which confirmed conformity according to § 31 LFGB (German Food and Feed Code) or European Frame Regulation (EC) No 1935/2004. The specific migration of individually regulated substances according to Annex I of European Regulation on

plastic materials (EU) No 10/2011 is below the individual specific migration limit (SML).

To ensure that the extremely low migration can be met we do not offer any additives our auxiliaries for this ink series which subsequently can be brought in by the user himself.

We offer a ready-to-print, if necessary, customized product which guarantees the maximum possible security.