

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 RANGE

fast and highly reactive

Ink ranges of the 80UV product range are the first choice for printing on various types of polyolefine containers (PP, LHD-PE, LD-PE).

All products are supplied in a ready-to-print adjustment and exhibit excellent printability properties. As the inks of the 80UV product range are highly reactive they are best suited for high-speed multicolour lines.

80UV



Our very successful ink **80UV** is the base of the 80UV range.

80UV: medium viscosity, slightly thixotropic adjustment, highly reactive.

Especially suited for high-speed printing (approx. 100 pcs/min) of „rigid“ technical containers such as PP and HD-PE cartridges on modern fast running multicolour equipment.

Pantone guide formulations are available as data base „UV-container printing mixing formulations C-MIX 2000“.

Option:

Hardener Additive UV/H, addition if required on difficult substrates, such as plastics with a high content of recycled material.

81UV



Compared to 80 UV, **81UV** inks have a modified rheology (higher thixotropy). Alternative to 80UV, for slightly slower printing equipment .

Preferred for printing of buckets and (larger) PP/PE bottles.

Pantone guide formulations are available as data base „UV-container printing mixing formulations C-MIX 2000“.

Option:

Adhesion promoter 551903, addition if required on difficult substrates, such as plastics with a high content of recycled material.

832UV-SF



832UV-SF is free of silicone. Mainly used for the decoration of plastic tubes (LD-PE). 832UV-SF is ideal for combination with flexographic applications, overprinting of 2-component solvent based and UV-curing varnishes as well as (foil) stamping applications with subsequent overprinting.

Highly reactive 832UV-SF can also be cured with UV-LED.

Guide formulations are available as data base „Formula Management C-MIX 2000“.

852UV



This ink range **852UV** meets the high requirements for low-migration packaging.

Formulated meeting various standards this ink type is suitable for many food packaging applications. Conformity must be verified by migration tests of the printed material taking into consideration the package contents.

Pantone guide formulations are available as data base „UV-container printing mixing formulations C-MIX 2000“.

These statements are no assurance of suitability of screen printing inks for specific substrates. We provide these details to inform customers about our screen printing inks and their possible applications; printing trials are always essential. This information is based on our present experiences - 03/2022