



# STERAFLEX

## CHARACTERISTIC

*The Steraflex inks are especially developed for printing on flexo machines with excellent flow properties.*

## PROPERTIES

- ↻ *Excellent printability*
- ↻ *Fast curing*
- ↻ *Good gloss, high colour strength*
- ↻ *Viscosity properties fit for flexo printing*
- ↻ *Low odour*
- ↻ *Optimal resistance properties will be obtained 24 hours after printing*
- ↻ *Formulated without benzophenone*
- ↻ *Formulated without ITX*

## APPLICATION AREA

- all flexo label and packaging printing machines equipped with a UV-curing system*

## UV CURING SPEED (with 1 lamps of 160 W/cm)

- *200 m/min*

*(the curing is also influenced by the substrate, the condition of the lamps, the condition and adjustment of the reflectors, the thickness of the ink layer, colour, etc.)*

## SUITABLE SUBSTRATES (surface tension see 'Recommended treatment levels')

- ☞ *All kinds of paper and board*
- ☞ *Inline Corona treated polyethylene*  
*Preliminary adhesion tests are recommended*
- ☞ *Selected laquered/primered aluminium foils and lids.*

*Substrates may differ in their chemical structure or method of manufacture. A test for suitability must always be carried out before printing. Antistatic, Mould Release Agents and Slip Additives may have negative effects on adhesion, and should be detected and removed prior to printing.*

## AVAILABLE COLOUR SHADES

- ☼ Process colours
- ☼ Opaque white
- ☼ Mixing colours
- ☼ Special colours (eeg. EXC557011, EXC557012)

## REFERENCES STERAFLEX INKS

		IWS	Alcohol	Nitro	Alkali
<b><u>Process colors</u></b>					
Yellow	EXC55001	5	+	+	+
Magenta	EXC55002	5	+	+	-
Cyan	EXC55003	8	+	+	+
Black	EXC55004	8	+	+	+
Deep black	EXC55005	7	+	+	+
<b><u>Process colors – higher concentrated</u></b>					
Yellow	EXC55011	5	+	+	+
Cyan	EXC55013	8	+	+	+
<b><u>Lightfast process colors</u></b>					
Yellow	EXC55021	6	+	+	+
Magenta	EXC55022	7	+	+	+
<b><u>Mixing colors</u></b>					
Opaque white	EXC55901				
Opaque white (sleeves)	EXC57725				
X-treme white	EXC55906				
Transparent white	EXC55902				
Yellow	EXC55912	5	+	+	+
Yellow fast	EXC55913	6	+	+	+
Orange	EXC55920	5	+	+	+
Warm red	EXC55930	3	+	+	-
Warm red fast	EXC55931	7	+	+	+
Red 032	EXC55932	5	+	-	+
Rubine red	EXC55940	5	+	+	-
Rubine red fast 7	EXC55942	7	+	+	+
Rhodamine red	EXC55950	3	-	-	-
Rhodamine red fast	EXC55951	7	+	+	+
Purple *	EXC55952	3	-	-	-
Purple fast *	EXC55953	7	+	+	+
Violet	EXC55960	3	-	-	-
Violet fast	EXC55961	7	+	+	+
Reflex blue	EXC55962	4	-	-	-
Reflex blue fast *	EXC55963	7	+	+	+
Blue 072 fast *	EXC55965	7	+	+	+



## PRODUCT SAFETY

*This varnish (or these inks) is (are) **NOT** suitable for **FOOD applications** unless a proper risk assessment proves that its use is safe (e.g. if the process rules out the possibility of set-off in the reel or stack AND if the design of the final printed article ensures reliable functional barrier properties to migration). For further information please contact our local sales team or [www.toyoinkarets.com](http://www.toyoinkarets.com).*