

UV & WATERBASED INKS AND COATINGS



FLEXOGRAPHY LINE PRODUCTS OVERVIEW

UV CURABLE INKS

- 1. UV Curable Flexo Printing Inks
- 2. UV Curable Flexo Shrink-Sleeve Printing Inks
- 3. UV Curable Flexo Low Migration Printing Inks
- 4. UV Curable Letterpress Printing Inks

UV CURABLE COATINGS

- 1. UV Over Print Varnish Standard
- 2. UV Over Print Varnish High Adhesion
- 3. UV Over Print Varnish Flexible
- 4. UV Over Print Varnish High Slip
- 5. UV Over Print Varnish Benzophenone Free
- 6. UV Over Print Varnish , Low Migration
- 7. UV Over Print Varnish Hot Stamping
- 8. UV Over Print Varnish Anti-Static

WATERBASED INKS

*Benzophenone-Free versions of all UV products available on request





FLEXOGRAPHY LINE PRODUCTS

UV CURABLE INKS

UV FLEXO PROCESS COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 102405	UV FLEXO EXTRA YELLOW 31000-N	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102392	UV FLEXO EXTRA MAGENTA 31000-N	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102393	UV FLEXO EXTRA CYAN 31000-N	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102394	UV FLEXO DENSE BLACK 31000-N	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG

UV FLEXO PLUS COLORS

→ 100642	UV FLEXO YELLOW PLUS 21100	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100640	UV FLEXO MAGENTA PLUS 21110	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 101070	UV FLEXO CYAN PLUS 21120	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 101347	UV FLEXO BLACK PLUS 21130	2 - 2.5 bcm	Up to 150m/min	Low	Low	Good	5 KG

UV FLEXO ULTRA COLORS

→ 102400	UV FLEXO ULTRA YELLOW 32000-N	1.5 - 2 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102406	UV FLEXO ULTRA MAGENTA 32000-N	1.5 - 2 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102407	UV FLEXO ULTRA CYAN 32000-N	1.5 - 2 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 102421	UV FLEXO ULTRA BLACK 32000-N	1.5 - 2 bcm	Up to 150m/min	Low	Low	Good	5 KG

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE INKS

UV FLEXO BASE COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 21183	UV HL FLEXO YELLOW LF 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21187	UV HL FLEXO BASE YELLOW 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21812	UV HL FLEXO ORANGE 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21377	UV HL FLEXO WARM RED 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 101408	UV HL FLEXO RUBINE RED XT 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21379	UV HL FLEXO RHODAMINE LF 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21380	UV HL FLEXO RED O32 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21382	UV HL FLEXO RUBINE RED LF 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100251	UV HL FLEXO RHODAMINE RED 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 101409	UV HL FLEXO PR BLUE XT 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100452	UV HL FLEXO EXTRA REFLEX BLUE 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21655	UV HL FLEXO VIOLET LF 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100264	UV HL FLEXO PURPLE 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21656	UV HL FLEXO PURPLE LF 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21511	UV HL FLEXO GREEN 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21323	UV HL FLEXO MIXING BLACK 33000	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 21428	UVFLEXO TRANSPARENT WHITE 21428	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100916	UV FLEXO EXTRA OPAQUE WHITE 21437	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 100237	UV FLEXO OPAQUE WHITE HCD 21910	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG
→ 101418	UV FLEXO OPAQUE WHITE 21441-HA	3 - 5 bcm	Up to 150m/min	Low	Low	Good	5 KG



FLEXOGRAPHY LINE PRODUCTS

UV CURABLE INKS

UV FLEXO LOW ODOR COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 101604	UV FLEXO PR. YELLOW LO 21200	1.5 - 2 bcm	Up to 150m/min	Low	Very Low	Good	5 KG
→ 101606	UV FLEXO PR. MAGENTA LO 21828	1.5 - 2 bcm	Up to 150m/min	Low	Very Low	Good	5 KG
→ 101605	UV FLEXO PR. CYAN LO 21078	1.5 - 2 bcm	Up to 150m/min	Low	Very Low	Good	5 KG
→ 101607	UV FLEXO PR. BLACK LO 21829	1.5 - 2 bcm	Up to 150m/min	Low	Very Low	Good	5 KG

UV FLEXO FLUORESCENT COLORS

→ 101489	UV FLEXO FLUORESCENT 802 GREEN 21505	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101314	UV FLEXO FLUORESCENT 803 YELLOW 21500	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101316	UV FLEXO FLUORESCENT 804 ORANGE 21502	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101332	UV FLEXO FLUORESCENT 805 RED 21503	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101561	UV FLEXO FLUORESCENT 806 PINK 21506	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101351	UV FLEXO FLUORESCENT 807 MAGENTA 21504	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101683	UV FLEXO FLUORESCENT 812 RED 21507	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101315	UV FLEXO FLUORESCENT CHARTREUSE 21501	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102002	UV FLEXO FLUORESCENT 801 BLUE 21508	4 - 6 bcm	Up to 100m/min	Low	Low	Good	5 KG

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE LED INKS



UV FLEXO LED PROCESS COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 101999	UV FLEXO LED YELLOW 20150	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102000	UV FLEXO LED MAGENTA 20200	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102031	UV FLEXO LED CYAN 20250	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102032	UV FLEXO LED BLACK 20300	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 101998	UV FLEXO LED WHITE 20100	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE LOW MIGRATION INKS



UV FLEXO LOW MIGRATION PROCESS COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 102005	UV FLEXO LOW MIGRATION YELLOW 25000	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102006	UV FLEXO LOW MIGRATION MAGENTA 25000	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102007	UV FLEXO LOW MIGRATION CYAN 25000	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 102016	UV FLEXO LOW MIGRATION BLACK 25000	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG
→ 100646	UV FLEXO LOW MIGRATION WHITE 25000	2 - 2.5 bcm	Up to 100m/min	Low	Low	Good	5 KG

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE SHRINK SLEEVE INKS



UV FLEXO SHRINK SLEEVE PROCESS COLORS

Code	Product	Recommended Anilox Volume	Printing Speed	Shrinkage	COF (N)	Viscosity	Odor	Adhesion	Packaging
→ 100678	UV FLEXO SLEEVE YELLOW 21184	2 - 2.5 bcm	Up to 150m/min	Higher than 80%	-	Low	Low	Good	5 KG
→ 100679	UV FLEXO SLEEVE MAGENTA 21360	2 - 2.5 bcm	Up to 150m/min	Higher than 80%	-	Low	Low	Good	5 KG
→ 100680	UV FLEXO SLEEVE CYAN 21027	2 - 2.5 bcm	Up to 150m/min	Higher than 80%	-	Low	Low	Good	5 KG
→ 100681	UV FLEXO SLEEVE BLACK 21329	2 - 2.5 bcm	Up to 150m/min	Higher than 80%	-	Low	Low	Good	5 KG
→ 101410	UV FLEXO SLEEVE WHITE 21440	3 - 6 bcm	Up to 150m/min	Higher than 80%	0.17	Low	Low	Good	5 KG
→ 101566	UV FLEXO SLEEVE WHITE 21444	3 - 6 bcm	Up to 150m/min	Higher than 80%	0.28	Low	Low	Good	5 KG
→ 101582	UV FLEXO SLEEVE WHITE 21420-LS	3 - 6 bcm	Up to 150m/min	Higher than 80%	0.22	Low	Low	Good	5 KG



FLEXOGRAPHY LINE PRODUCTS

UV CURABLE LETTERPRESS INKS

UV LETTERPRESS PROCESS COLORS

Code	Product	Recommended Volume g/sqm	Printing Speed	Viscosity	Odor	Adhesion	Packaging
→ 24154	UV L.PRESS PROCESS YELLOW 24154	0.6 - 1.0	Up to 150m/min	High	Low	Good	2.5 KG
→ 24354	UV L.PRESS PROCESS MAGENTA 24354	0.6 - 1.0	Up to 150m/min	High	Low	Good	2.5 KG
→ 24004	UV L.PRESS PROCESS CYAN 24004	0.6 - 1.0	Up to 150m/min	High	Low	Good	2.5 KG
→ 100165	UV L.PRESS PROCESS BLACK 24864	0.6 - 1.0	Up to 150m/min	High	Low	Good	2.5 KG
→ 24304	UV L.PRESS DENSE BLACK 24304	0.6 - 1.0	Up to 150m/min	High	Low	Good	2.25 KG

UV LETTERPRESS BASE COLORS

→ 100284	UV L.PRESS YELLOW LF 24155	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24804	UV L.PRESS ORANGE 24804	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24203	UV L.PRESS WARM RED 24203	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24204	UV L.PRESS RED O32 24204	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24205	UV L.PRESS RUBINE RED 24205	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24206	UV L.PRESS RHODAMINE RED LF 24206	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24210	UV L.PRESS RUBINE RED LF 24210	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24007	UV L.PRESS PROCESS BLUE 24007	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24252	UV L.PRESS VIOLET LF 24252	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24503	UV L.PRESS GREEN 24503	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 100451	UV L.PRESS RHODAMINE RED 24212	0.8 - 1.2	Up to 150m/min	High	Low	Good	2.5 KG
→ 24403	UV L.PRESS TRANSPARENT WHITE 24403	-	Up to 150m/min	High	Low	Good	2.5 KG
→ 24404	UV L.PRESS OPAQUE WHITE 24404	1.5 - 2.5	Up to 150m/min	High	Low	Good	2.5 KG

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE COATINGS

UV FLEXO OVERPRINT VARNISH GLOSS

Code	Product	TECHNICAL SPECIFICATIONS			Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
		Application	Gloss	Matt							
→ 12113	UV COATINGS FLEXO GLOSS 12113-FS	Flexo	✓	⊗	⊗	● ●	●	✓	● ●	● ●	⊗
→ 102056	UV COATINGS FLEXO GLOSS 12124-FS	Flexo	✓	⊗	⊗	● ●	● ●	✓	● ●	● ●	⊗
→ 102347	UV COATINGS FLEXO GLOSS 12130-FS	Flexo	✓	⊗	⊗	● ● ●	● ●	✓	● ●	● ●	⊗
→ 102390	UV COATINGS FLEXO GLOSS 12131-FS/SR	Flexo	✓	⊗	⊗	● ● ●	● ●	✓	● ●	● ●	⊗
→ 102182	UV COATINGS FLEXO GLOSS 12125 AP	Flexo	✓	⊗	⊗	● ●	● ● ●	✓	● ●	● ●	⊗
→ 101917	UV COATINGS FLEXO GLOSS 12122-FS/HS	Flexo	✓	⊗	⊗	● ● ●	● ●	✓	● ●	● ●	⊗

UV FLEXO OVERPRINT VARNISH HIGH ADHESION

→ 101655	UV COATINGS FLEXO COLDFOIL/PRIMER 32603	Flexo	✓	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 32804	UV COATINGS FLEXO PRIMER PET 32804-1	Flexo	✓	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 33001	UV COATINGS BARCODE 33001	Flexo	✓	⊗	⊗	●	● ●	✓	● ● ●	●	⊗
→ 100557	UV COATINGS LAMINATION PET 35002	Flexo	⊗	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 101455	UV COATINGS FLEXO PRIMER AL 32801	Flexo	✓	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 101641	UV COATINGS LAMINATION 35029	Flexo	✓	⊗	⊗	●	● ● ●	✓	● ● ●	●	✓

Legend ● ● ● Good ● ● Average ● Poor

*Benzophenone-Free versions of all UV products available on request

FLEXOGRAPHY LINE PRODUCTS

UV CURABLE COATINGS

UV FLEXO OVERPRINT VARNISH MISC

		TECHNICAL SPECIFICATIONS									
Code	Product	Application	Gloss	Matt	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 12102	UV COATINGS FLEXO GLOSS 12107-HS/MV	Flexo	✓	⊗	⊗	● ● ●	● ● ●	✓	● ● ●	● ● ●	⊗
→ 12107	UV COATINGS FLEXO GLOSS 12107	Flexo	✓	⊗	⊗	● ●	● ● ●	✓	● ● ●	● ●	⊗
→ 12141	UV COATINGS FLEXO GLOSS 12107-HA/LV/HS	Flexo	✓	⊗	⊗	● ● ●	● ● ●	✓	● ● ●	● ● ●	⊗
→ 12143	UV COATINGS FLEXO GLOSS 12107-AP/LV	Flexo	✓	⊗	⊗	● ●	● ● ●	✓	● ● ●	● ●	✓
→ 100931	UV COATINGS FLEXO MATT 12225-FS	Flexo	⊗	✓	⊗	● ● ●	● ● ●	✓	● ● ●	● ● ●	⊗
→ 102256	UV COATINGS FLEXO MATT 12228-FS/INP	Flexo	⊗	✓	⊗	● ● ●	● ● ●	✓	● ● ●	● ● ●	✓
→ 101455	UV COATINGS FLEXO PRIMER AL 32801	Flexo	✓	⊗	✓	● ● ●	● ● ●	⊗	● ● ●	●	⊗
→ 101655	UV COATINGS FLEXO COLDFOIL/PRIMER 32603	Flexo	✓	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 32804	UV COATINGS FLEXO PRIMER PET 32804-1	Flexo	⊗	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 35028	UV COATINGS LAMINATION 35028	Flexo	⊗	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗
→ 100557	UV COATINGS LAMINATION PET 35002	Flexo	⊗	⊗	⊗	●	● ● ●	✓	● ● ●	●	⊗

Legend ● ● ● Good ● ● Average ● Poor

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FLEXOGRAPHY LINE PRODUCTS

UV CURABLE COATINGS

UV FLEXO OVERPRINT VARNISH HIGH SLIP

UV FLEXO OVERPRINT VARNISH HIGH SLIP

		TECHNICAL SPECIFICATIONS										
Code	Product	Application	Gloss	Matt	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration	
→ 12102	UV COATINGS FLEXO GLOSS 12107-HS/MV	Flexo	☑	☒	☒	●●●	●●●	☑	●●●	●●●	☒	
→ 12141	UV COATINGS FLEXO GLOSS 12107-HA/LV/HS	Flexo	☑	☒	☒	●●●	●●●	☑	●●●	●●●	☒	
→ 12305	UV COATINGS FLEXO GLOSS 12105-PVC	Flexo	☑	☒	☒	●●●	●●	☑	●●●	●●	☒	
→ 101994	UV COATINGS RELEASE 32303	Flexo	☑	☒	☒	●●●	●●	☑	●●●	●	☒	
→ 101917	UV COATINGS FLEXO GLOSS 12122-FS/HS	Flexo	☑	☒	☒	●●●	●●	☑	●●●	●●	☒	

UV FLEXO OVERPRINT VARNISH BENZOPHENONE-FREE

→ 12618	UV COATINGS FLEXO GLOSS 12113-BF	Flexo	✓	✗			● ●	●	✗	● ●	● ●	✗
→ 32751	UV COATINGS FLEXO HOTFOIL/PRIMER 32604-BF	Flexo	✓	✗	✓		●	● ● ●	✗	● ● ●	●	✗
→ 100032	UV COATINGS FLEXO GLOSS 12105-BF/HS	Flexo	✓	✗	✓		● ●	●	✗	● ●	● ●	✗
→ 100553	UV COATINGS FLEXO GLOSS 12619-BH/HS	Flexo	✓	✗	✓		● ●	●	✗	● ●	● ●	✗
→ 100554	UV COATINGS FLEXO GLOSS 12620-BF/FS/HS	Flexo	✓	✗	✓		● ●	●	✗	● ●	● ● ●	✗
→ 100555	UV COATINGS FLEXO GLOSS 12620-BF/INP	Flexo	✓	✗	✓		●	● ●	✗	● ● ●	●	✗
→ 102033	UV COATINGS FLEXO MATT 12226-FS/BF	Flexo	✗	✓	✓		● ●	●	✗	● ●	● ●	✗

Legend ● ● ● Good ● ● Average ● Poor

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FLEXOGRAPHY LINE PRODUCTS

UV CURABLE COATINGS

UV FLEXO OVERPRINT VARNISH LOW MIGRATION

		TECHNICAL SPECIFICATIONS									
Code	Product	Application	Gloss	Matt	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 101811	UV COATINGS FLEXO GLOSS 12900-LM/FS	Flexo	✓	⊗	✓	● ●	● ● ●	⊗	● ● ●	● ●	⊗
→ 102022	UV COATINGS FLEXO GLOSS 12900-LM/HS	Flexo	✓	⊗	✓	● ● ●	● ● ●	⊗	● ● ●	● ● ●	⊗
→ 101919	UV COATINGS FLEXO GLOSS 12900-LM/FS/INP	Flexo	✓	⊗	✓	●	● ● ●	⊗	● ● ●	● ● ●	⊗
→ 102023	UV COATINGS FLEXO MATT 12900-LM/FS/MA	Flexo	⊗	✓	✓	●	● ● ●	⊗	● ● ●	●	⊗

UV FLEXO OVERPRINT VARNISH HOT STAMPING

→ 32604	UV COATINGS FLEXO HOTFOIL/PRIMER 32604	Flexo	✓	⊗	⊗	● ●	● ● ●	✓	● ● ●	●	⊗
→ 32704	UV COATINGS FLEXO HOTFOIL/PRIMER 32604-MA	Flexo	⊗	✓	⊗	● ●	● ● ●	✓	● ● ●	●	⊗
→ 32751	UV COATINGS FLEXO HOTFOIL/PRIMER 32604-BF	Flexo	✓	⊗	✓	● ●	● ● ●	⊗	● ● ●	●	⊗

UV FLEXO OVERPRINT VARNISH ANTI STATIC

→ 101263	UV COATINGS FLEXO GLOSS ANTISTATIC 12116	Flexo	✓	⊗	⊗	● ●	●	✓	● ●	● ●	⊗
→ 101264	UV COATINGS FLEXO MATT ANTISTATIC 12224	Flexo	⊗	✓	⊗	● ● ●	● ● ●	✓	● ● ●	● ● ●	⊗

Legend ● ● ● Good ● ● Average ● Poor

*Benzophenone-Free versions of all UV products available on request



FLEXOGRAPHY LINE PRODUCTS **WATERBASED INKS**

Modern printing inks are required to deal with constantly changing application technologies and demands from the printers and end users. Development in printing substrates, requirements for faster printing speeds and more cost effective processes, and tougher environmental regulations, are challenges the ink manufacturers have to face. Flexography, a progressing printing technology, is suitable for printing on coated and uncoated paper materials, non-porous substrates including metallised and paper foils, and plastic films, used especially in the packaging industry. Flexographic printing is an efficient and cost effective printing method that owes its growth to the continuous improvements in the quality of the printed work produced. Water-based flexo inks, which were introduced in the 1930s and achieved significant commercial use in paper and paperboard printing during the 1950s and 1960s, are today used in almost all areas of flexographic printing. The regulatory factors especially during the 1980s, with its high pressure on safety and environment, were an important driving force for the further development of water-based technology. This technology continues to advance at the expense of solvent-based inks. Radiation curing inks, such as UV- and EB-curable (electron beam), are also widely used and are an increasing market. The quality of flexo prints is today on a level people only could dream of ten years ago.

The nature and demands of the printing process and the application of the printed product determine the fundamental properties required of flexographic inks. Measuring the physical properties of inks and

understanding how these are affected by the choice of ingredients is a large part of ink technology. Formulating inks requires a detailed knowledge of the physical and chemical properties of the raw materials composing the inks, and how these ingredients affect or react with each other as well as with the environment. Flexographic printing inks are primarily formulated to remain compatible with the wide variety of substrates used in the process. Each formulation component individually fulfils a special function and the proportion and composition will vary according to the substrate. Flexographic inks are organic solvent-based, water-based or radiation-curable. For environmental and health reasons the use of traditional organic solvents has gradually been replaced by water and non-volatile products.

In our plant we are now producing water based flexographic inks for application on paper, tissue and paper board for packaging, and we are planning to produce also water based ink for the increasing market of not absorbent substrated such as plastics and aluminium.

OFFSET LINE PRODUCTS OVERVIEW

UV CURABLE INKS

1. UV Curable Offset Printing Inks
2. UV Curable Dry Offset Printing Inks

UV CURABLE COATINGS

1. UV OPV Standard
2. UV OPV Low Odor
3. UV OPV Flexible
4. UV OPV High Slip
5. UV OPV High Adhesion
6. UV OPV Benzophenone Free
7. UV OPV Hot Stamping
8. UV OPV Anti Penetration

WATER BASED VARNISHES

1. Gloss
2. Protection Varnish
3. Matte
4. Primer

WATER BASED ADHESIVES SHEET LABELSTOCKS





OFFSET LINE PRODUCTS UV CURABLE INKS

UV OFFSET PROCESS COLORS EXTRA

Code	Product
→ 102176	UV OFFSET EXTRA YELLOW 22169-FS
→ 102177	UV OFFSET EXTRA MAGENTA 22372-FS
→ 102178	UV OFFSET EXTRA CYAN 22019-FS
→ 102179	UV OFFSET DENSE BLACK 22312-FS
→ 102208	UV OFFSET EXTRA OPAQUE WHITE 22203

UV OFFSET PROCESS COLORS EXTRA-MOD

→ 102373	UV OFFSET EXTRA YELLOW 22170-MOD
→ 102383	UV OFFSET EXTRA MAGENTA 22374-MOD
→ 102384	UV OFFSET EXTRA CYAN 22021-MOD
→ 102362	UV OFFSET DENSE BLACK 22313-MOD
→ 102473	UV OFFSET EXTRA OPAQUE WHITE 22204-HA

UV OFFSET BASE COLORS

Code	Product
→ 101102	UV OFFSET TRANSPARENT WHITE 22201
→ 101074	UV OFFSET BASE YELLOW 22157
→ 101030	UV OFFSET YELLOW LF 22156
→ 101101	UV OFFSET ORANGE 22158
→ 100918	UV OFFSET RED 032 22356
→ 100919	UV OFFSET WARM RED 22357
→ 101031	UV OFFSET MAGENTA LF 22358
→ 101072	UV OFFSET RUBINE RED 22359
→ 101326	UV OFFSET RHODAMINE RED LF 22360
→ 101587	UV OFFSET RHODAMINE RED 22363
→ 101073	UV OFFSET PROCESS BLUE 22006
→ 101103	UV OFFSET GREEN 22340
→ 101104	UV OFFSET REFLEX BLUE LF 22007
→ 101106	UV OFFSET 072 BLUE LF 22008
→ 101107	UV OFFSET VIOLET LF 22009
→ 101943	UV OFFSET VIOLET 22015
→ 101116	UV OFFSET MIXING BLACK 22308

UV DRY OFFSET COLORS

Code	Product
→ 101261	DRY O/S UV CUP ORANGE 22458-NV
→ 101615	DRY O/S UV CUP RED 032 22520-NV
→ 102072	DRY O/S UV CUP VIOLET LF 22582-NV
→ 100205	DRY O/S UV CUP 072 BLUE 22553-NV
→ 102192	DRY O/S UV CUP REFLEX BLUE 22583-NV
→ 100195	DRY O/S CUP GREEN 22530-NV
→ 102071	DRY O/S UV CUP TRANSP. WHITE 22402-NV
→ 102353	DRY O/S UV CUP OPAQUE WHITE 22403-NV
→ 101590	DRY O/S UV CUP YELLOW 22459-NV
→ 101589	DRY O/S UV CUP MAGENTA 22513-NV
→ 101588	DRY O/S UV CUP CYAN 22572-NV
→ 100196	DRY O/S CUP BLACK 22600-NV

OFFSET LINE PRODUCTS

UV CURABLE COATINGS

UV OVER PRINT VARNISH STANDARD

UV OVER PRINT VARNISH STANDARD		TECHNICAL SPECIFICATIONS											
Code	Product	Application	Gloss	Matte	Inline	Offline	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 11102	UV COATINGS GLOSS INK TRAIN 11102-DO	Offset	☑	☒	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 11106	UV COATINGS OFFSET GLOSS 11106-INL	Offset	☑	☒	☑	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 11118	UV COATINGS GLOSS INK TRAIN 11102-HV/DO	Offset	☑	☒	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 11128	UV COATINGS GLOSS WATER DAMP 11128	Offset	☑	☒	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 11135	UV COATINGS OFFSET GLOSS 11150-LV/FS/RC	Offset	☑	☒	☑	☒	☒	● ●	● ● ●	☑	● ● ●	● ●	☒
→ 11226	UV COATINGS OFFSET INK TRAIN 11226-DO	Offset	☑	☒	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 11301	UV COATINGS MATT INK TRAIN 11102-MA/DO	Offset	☑	☒	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 100075	UV COATINGS OFFSET GLOSS 11106-INL/LV	Offset	☒	☑	☒	☑	☒	● ●	●	☑	● ●	● ●	☒
→ 102004	UV COAT. OFFSET GLOSS 11126 INL/BF/LO/FS	Offset	☑	☒	☑	☒	☒	● ●	●	☑	● ●	● ●	☒
→ 101692	UV COATINGS OFFSET GLOSS 11122-INL/BF/LO	Offset	☑	☒	☒	☒	☑	● ●	●	☒	● ●	● ●	☒
→ 101710	UV COATINGS OFFSET GLOSS 11128-BF/FS/LO	Offset	☑	☒	☒	☒	☑	● ●	●	☒	● ●	● ●	☒
→ 101861	UV COATINGS MATT INK TRAIN 11311/WO	Offset	☒	☑	☒	☒	☒	● ●	●	☑	● ●	● ●	☒
→ 101862	UV COATINGS GLOSS INK TRAIN 11117/WO	Offset	☑	☒	☒	☒	☒	● ●	●	☑	● ●	● ●	☒

Legend ● ● ● Good ● ● Average ● Poor

*Benzophenone-Free versions of all UV products available on request

OFFSET LINE PRODUCTS

UV CURABLE COATINGS

UV OVER PRINT VARNISH FLEXIBLE

		TECHNICAL SPECIFICATIONS											
Code	Product	Application	Gloss	Matte	Inline	Offline	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 11110	UV COATINGS OFFSET GLOSS 11150-INL/LV	Offset	✓	✗	✓	✗	✗	●●●	●●●	✓	●●●	●●	✗
→ 11137	UV COATINGS GLOSS WATER DAMP.11150-MV/FL	Offset	✓	✗	✗	✓	✗	●●●	●●●	✓	●●●	●●	✗
→ 11139	UV COAT. GLOSS INK TRAIN 11150-HV/FL/DO	Offset	✓	✗	✗	✓	✗	●●●	●●●	✓	●●●	●●	✗
→ 11150	UV COATINGS OFFSET GLOSS 11150-INL	Offset	✓	✗	✓	✓	✗	●●●	●●●	✓	●●●	●●	✗
→ 11698	UV COATINGS OFFSET GLOSS 11150-INL/BF/LV	Offset	✓	✗	✓	✗	✓	●●●	●●●	✗	●●●	●●	✗
→ 32530	UV COATINGS OFFSET PRIMER 32530	Offset	✓	✗	✓	✗	✓	●●●	●●●	✗	●●●	●●	✗

UV OVER PRINT VARNISH HIGH SLIP

→ 11172	UV COATINGS OFFSET GLOSS 11106-INL/FS	Offset	✓	✗	✓	✗	✗	●●●	●	✓	●●	●●●●	✗
→ 11220	UV COATINGS OFFSET GLOSS 11150-INL/FS/HS	Offset	✓	✗	✓	✗	✗	●●●	●●	✓	●●●	●●●●	✗
→ 11672	UV COATINGS OFFSET GLOSS 11106-INL/BF/FS	Offset	✓	✗	✓	✗	✓	●●●	●	✗	●●	●●●●	✗
→ 100135	UV COATINGS OFFSET GLOSS 11135-MV/FS/HS	Offset	✓	✗	✓	✗	✗	●●●	●●	✓	●●●	●●●●	✗
→ 100511	UV COATINGS OFFSET MATT 11302-INL/BF/INP	Offset	✗	✓	✓	✗	✓	●●	●●	✗	●●●	●●	✗
→ 101076	UV COATINGS OFFSET GLOSS 11150-INL/FS/HS-MOD	Offset	✓	✗	✓	✗	✗	●●●	●●	✓	●●●	●●●●	✗
→ 101836	UV COATINGS OFFSET GLOSS 11125-INL/BF/LO/HS	Offset	✓	✗	✓	✗	✓	●●●	●●	✓	●●●	●●●●	✗

Legend ●●● Good ●● Average ● Poor

*Benzophenone-Free versions of all UV products available on request

OFFSET LINE PRODUCTS

UV CURABLE COATINGS

UV OVER PRINT VARNISH HIGH ADHESION

		TECHNICAL SPECIFICATIONS											
Code	Product	Application	Gloss	Matte	Inline	Offline	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 11401	UV COATINGS OFFSET GLOSS PVC 11401	Offset	✓	✗	✓	✗	✗	●●●	●●	✓	●●●	●●	✗
→ 11601	UV COATINGS OFFSET PVC 11401-MA	Offset	✗	✓	✓	✗	✗	●●●	●●	✓	●●●	●●	✗
→ 100550	UV COATINGS OFFSET GLOSS 11107-HA/AP/BF	Offset	✓	✗	✓	✗	✓	●●●	●●	✗	●●●	●●●	✓

UV OVER PRINT VARNISH BENZOPHENONE-FREE

→ 11628	UV COATINGS OFFSET GLOSS WATER D. 11128-BF	Offset	✓	✗	✗	✓	✓	●●	●	✗	●●	●●	✗
→ 11672	UV COATINGS OFFSET GLOSS 11106-INL/BF/FS	Offset	✓	✗	✓	✗	✓	●●●	●	✗	●●	●●●	✗
→ 11698	UV COATINGS OFFSET GLOSS 11150-INL/BF/LV	Offset	✓	✗	✓	✗	✓	●●	●●●	✗	●●	●●	✗
→ 100495	UV COATINGS OFFSET GLOSS 11630-INL/BF	Offset	✓	✗	✓	✗	✓	●●	●●	✗	●●	●●●	✗
→ 100511	UV COATINGS OFFSET MATT 11302-INL/BF	Offset	✗	✓	✓	✗	✓	●●●	●●	✗	●●●	●●●	✗
→ 100550	UV COATINGS OFFSET GLOSS 11107-HA/AP/BF	Offset	✓	✗	✓	✗	✓	●●	●●	✗	●●	●●●	✓

UV OVER PRINT VARNISH HOT STAMPING

→ 32502	UV COATINGS OFFSET PRIMER 32502	Offset	✓	✗	✗	✓	✗	●	●	✓	●●	●	✗
→ 32530	UV COATINGS OFFSET PRIMER 32530	Offset	✓	✗	✓	✗	✗	●	●●●	✓	●●●	●	✗

Legend ●●● Good ●● Average ● Poor

*Benzophenone-Free versions of all UV products available on request

OFFSET LINE PRODUCTS
UV CURABLE COATINGS

UV OVER PRINT VARNISH ANTI-PENETRATION

		TECHNICAL SPECIFICATIONS											
Code	Product	Application	Gloss	Matte	Inline	Offline	Benzophenone Free	Slip	Flexible	Odor	Adhesion	Double Sided Application	Anti Penetration
→ 11221	UV COATINGS OFFSET GLOSS 11106-INL/AP	Offset	✓	✗	✓	✗	✗	●●	●●	✓	●●●	●●	✓
→ 11225	UV COATINGS OFFSET GLOSS WATER D. 11128-LO/AP	Offset	✓	✗	✗	✓	✗	●●	●●	✓	●●●	●●	✓
→ 100550	UV COATINGS OFFSET GLOSS 11107-HA/AP/BF	Offset	✓	✗	✓	✗	✓	●●	●●	✗	●●●	●●●	✓

UV OVER PRINT VARNISH LOW ODOR

→ 101692	UV COATINGS OFFSET GLOSS 11122-INL/BF/LO	Offset	✓	✗	✓	✗	✗	●●	●●	✓	●●●	●●	✓
→ 101710	UV COATINGS OFFSET GLOSS 11128-BF/FS/LO	Offset	✓	✗	✗	✓	✗	●●	●●	✓	●●●	●●	✓
→ 101836	UV COAT.OFFSET GLOSS 11125-INL/BF/LO/HS	Offset	✓	✗	✓	✗	✓	●●	●●	✗	●●●	●●●	✓
→ 102004	UV COAT. OFFSET GLOSS 11126 INL/BF/LO/FS	Offset	✓	✗	✓	✗	✓	●●	●●	✗	●●●	●●●	✓

UV OVER PRINT VARNISH, DIGITAL

→ 38001	UV COATINGS DIGITAL GLOSS 38001	Offset	✓	✗	✓	✗	✗	●●●	●●●	✓	●●●	●●●	✗
→ 38002	UV COATINGS DIGITAL GLOSS 38002	Offset	✓	✗	✓	✗	✗	●●●	●●●	✓	●●●	●●●	✗
→ 38601	UV COATINGS DIGITAL GLOSS 38601-BF	Offset	✓	✗	✓	✗	✓	●●●	●●●	✗	●●●	●●●	✗
→ 38602	UV COATINGS DIGITAL GLOSS 38602-BF	Offset	✓	✗	✓	✗	✓	●●●	●●●	✗	●●●	●●●	✗
→ 100114	UV COATINGS DIGITAL 38001-MA	Offset	✗	✓	✓	✗	✓	●●●	●●●	✓	●●●	●●●	✗
→ 100655	UV COATINGS DIGITAL GLOSS 38003-INP	Offset	✓	✗	✓	✗	✗	●●	●●●	✓	●●●	●	✗

Legend ●●● Good ●● Average ● Poor

*Benzophenone-Free versions of all UV products available on request



OFFSET LINE PRODUCTS

WATER BASED VARNISHES

WATERBASED COATINGS GLOSS

	Code	Feature	Viscosity	Gloss (60°Angle)
➔	101750	WATER BASED COATINGS GLOSS 51200	35 - 45	75
➔	101743	WATER BASED COATINGS GLOSS 51300	45 - 55	80
➔	101762	WATERBASED COATINGS HIGHGLOSS 51500	45 - 55	90

WATERBASED COATINGS MATT

➔	101865	WATER BASED COATINGS OFFSET MAT 51406	95 - 105	
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WATERBASED COATINGS SPECIAL

➔	101922	WATERBASED COATINGS GLOSS ANTISLIP 51350	45 -55	75
➔	101913	WB COAT. OFFSET MATT ANTISLIP 51450	45 - 55	25
➔	101912	W.B COATINGS OFFSET SEMI MATT 51408	45 - 55	30
➔	101911	WB COAT. OFFSET RUB RESISTANCE MATT 51451	45 - 55	15

WATERBASED COATINGS PRIMER

➔	102011	WATER BASED COATINGS PRIMER 53014	60 - 70	N/A
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Nutrition Facts

Serving Size 1 cup (30g)
Servings Per Container about 14

		Cereal with 1/2 cup Skim Milk	
Amount Per Serving		Cereal	Skim Milk
Calories		110	150
Calories from Fat		15	15
% Daily Value**			
Total Fat 1.5g*		2%	3%
Saturated Fat 0g		0%	0%
Trans Fat 0g			
Polyunsaturated Fat 0.5g			
Monounsaturated Fat 0.5g			
Cholesterol 0mg		0%	1%
Sodium 240mg		10%	12%
Potassium 90mg		3%	8%
Total Ca		8%	10%
Inse			
Sugars 1g			
Other Carbohydrate 19g			
Protein 3g			
Vitamin A		10%	15%
Vitamin C		10%	10%
Calcium		10%	30%
Ir			

OFFSET LINE PRODUCTS WATER BASED ADHESIVES

WATER BASED LAMINATION (BOPP) ADHESIVES

Code	Feature
→ F220	Manual Lamination Adhesive
→ F210	Self-Xlinking Lamination Adhesive
→ F301/B	Automatic Lamination Adhesive (VA/BA)
→ F310/P	Automatic lamination adhesive (VA/BA)
→ F3100	Automatic Lamination Adhesive (Pure Acrylic)
→ F340	VA/BA Based Adhesive for Carton Boxes
→ F4010	PVAL Based Adhesive
→ F4011	Corrugated Board Lamination



OFFSET LINE PRODUCTS

SHEET LABELSTOCKS



1. Coated Standard
2. Coated Nonperm
3. Data
4. High Gloss
5. Coated Hotmelt
6. Coated Crack-back
7. PVC Clear
8. PVC Opaque

*All products displayed on this page can be sized at 50x70 or 70x100cm with white kraft liner





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