

# ARJOBEX

## POLYART SHEET FED OFFSET PRINTING INKS UPDATED LIST MAY 2015

The following information supersedes earlier information and is given in good faith and should be used as a guide only. The printer should satisfy himself by carrying out a print trial with the material to be used with the selected ink.

### **FULL OXIDATION DRYING INKS**

Company	Brand	Type	Low grades or heavy ink film coverage	Comments
Apollo Colours	Plastink	Full oxidation for foils.	YES **	
Brancher	Kromoplast	Full oxidation for foils.	YES**	Not good with UV varnish
Cranfield Colours	Hard Dry	Full oxidation for foils	YES ***	
Colorprint Inks	Plastoprint	Full oxidation for foils.		
Epple Druckfarben	Foil	Full oxidation for foils.	YES*	
Flint Ink Group	Arrow Star	Full oxidation for foils.	YES***	Used for maps, 90gsm
Flint Ink Group	Novaplast	Full oxidation for foils.	YES***	Very good results on low weights
Huber Group	Alpha foil 508	Full oxidation for foils.	YES***	Very good results on low weights
Huber Group	Resista Label - N	Full oxidation for foils.	YES***	
Janecke + Schneemann	Impact film	Full oxidation for foils.	YES*	
Pulse	Maxi Dry	Full oxidation for foils.		
Sun Group	Sunplast	Full oxidation for foils.	YES *	Can dry quick on press
Sun Group	Permafrix	Full oxidation for foils.	YES*	Can dry quick on press
Sun Group	Sun Tec	Full oxidation for foils.	YES*	
Shackell Edwards	Multibond	Full oxidation for foils.	YES***	Good on low weights
Van Son	Tough Tex	Full oxidation for foils	YES *	Can dry quick on press
Van Son	Tough Tex LR	Full oxidation for foils / this is lightfast version	YES *	Very good lightfast ink for out door applications

## INKS FOR COATED PAPERS (best results obtained on 140gsm and above)

Company	Brand	Type	Low grades or heavy ink film coverage	Comments
Epple Druckfarben	Premium Fastdry	Semi oxidation for coated paper.	NO	
Flint Group	Novavit F100	Semi oxidation for coated paper.	YES	
Huber Group	Resista	Semi oxidation for coated paper.	YES	Mineral oil free ink, ok for heavy weight grade.
Sun Group	Optima	Semi Oxidation for coated paper.	NO	Ok on heavy weight grade.
Van Son	Quickson Plus MMC	Semi oxidation for coated paper.	NO	OK on heavy weight grade.

- ❖ This ink chart contains information regarding suitable use for printing lightweight Polyart, please note that inks marked with \*\*\* have been known to give minimal ink distortion. The inks marked with \* can be used with care, any ink distortion will depend on subject matter and ink film weight.
- ❖ The “duct fresh” types of inks, which remain open on the press for long periods of time, can cause certain problems if used with Polyart. After a period of time these inks can become tacky, which can cause coating pick, when the printer adds reducing agents to overcome any picking, the reducer can contain oils, which will lead to distortion.
- ❖ Vegetable oil based inks will dry like paper inks on Polyart, but the rub resistance may not be as good as full oxidation inks.
- ❖ The tough Tex ink from Van son is also available with a lightfast version (LR). This would be ideal for outdoor poster applications, as this ink will offer good outdoor light resistance.
- ❖ Please feel free to contact me with any comments and of course if you have any new ink information, which will be of use to us.

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