

Midacure[®] 42523 Series

Uv Letterpress Inks

Application Fields

The **Midacure[®] 42523 Series** comprises UV-curable letterpress inks specifically formulated for printing on a wide range of absorbent and non-absorbent substrates.

These inks are suitable for diverse commercial and industrial letterpress applications requiring high curing efficiency, excellent adhesion, and consistent print performance across varying substrate types.

Features

- High curing speed
- Overprintable
- High Gloss
- Free flow rheology
- Low migration values
- Excellent adhesion to variety of substrates
- Excellent abrasion and scratch resistant
- Low mist at higher press speed

Substrates

A wide variety of pre-treated plastic substrates with Minimum surface tension of (38-45 Dyn/m) including:

- Polypropylene (PP, BOPP)
- Polyethylene (PE, LDPE, HDPE)
- Coated and uncoated papers
- Aluminum foil
- Metalized
- Labels

Additives

- LPUV-001: UV thinner to reduce viscosity (Recommended addition 2%-5%)
- LPUV-002: Curing aid to increase drying speed (Recommended addition 2%-5%)
- LPUV-003: Adhesion Promoter (Recommended addition 1%-5%)
- LPUV-051: Transparent ink used as an extender to be added as per printer's requirement

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Available in a full range of standard and specialty colours

PROCESS INKS

Description	Product Code	**Blue Wool Fade	*Viscosity (sec)
Process Magenta	LPUV-100/4252301	4	300
Warm red	LPUV-101/4252417	4	260
Rubine Red	LPUV-102/	4	300
Orange	LPUV-200/4252302	4	230
Process Yellow	LPUV-300/4252303	4	330
Yellow	LPUV-301/4252314	8	219
Green	LPUV-400/4252304	8	230
Process Cyan	LPUV-500/4252305	8	350
Reflex Blue	LPUV-600/4252306	7	290
Violet	LPUV-700/4252307	3	230
Purple	LPUV-775/4252309	7	240
Rhodamine	LPUV-750/4252308	7	240
Process Black	LPUV-800/42524310	8	360
Opaque Black	LPUV-OP800/4252904	8	430
Opaque White	LPUV-900/4252311	N/A	390-400
Red 032	LPUV-032/42527001	4-5	
Blue 072	LPUV-072/42527007	7	270
Transparent White	LPUV-051/4252320	N/A	230
Silver	LPUV-975/4252313	-	350
Gold	LPUV-9504252312	-	300

*Viscosity (sec) by Laray viscometer @ 25° C

**Blue Wool Fade range 1 through 8 where 8 is the best light fastness value

