

Application Fields

The **MIDACURE (FUV)** series are UV Flexographic Inks especially formulated to cope with new market trends and serve narrow web printing needs including surface & reverse printing for all types of label, stickers, and pharmaceutical packaging

SPECIFICATIONS

- Solid Content 100%
- Viscosity 20-90sec (Zhan Cup No 4 @25°C)
- Finesse <5NPIRI
- Power Required 120 w/cm
- Curing Speed 60-150m/min

PRODUCT KEY FEATURES

- Low viscosity
- High productivity
- Excellent curing properties
- High color strength
- Good adhesion to plastic substrates
- Low migration values

RECOMMENDED SUBSTRATES

Nonabsorbent pre-treated substrates with surface tension (38 – 45) Dyn/cm, Including:i

- Polystyrene (PS)
- Polypropylene (PP, BOPP)
- Polyethylene (PE)
- Polyethylene Terephthalate (PET)
- Polyvinyl chloride (PVC)
- Polycarbonate (PC)
- Metalized substrates and Aluminum foil

Additives

- FUV-001: UV thinner to reduce viscosity (Recommended addition 2%-5%)
- FUV-002: Curing aid to increase curing speed (Recommended addition 2%-5%)
- FUV-003: Adhesion Promoter (Recommended addition 1%-5%)
- FUV-051: Transparent UV ink used to reduce color strength (as per printer's requirement)

RANGE OF COLORS

COLORS	CODE	LIGHT FASTNESS
Process Magenta	FUV - 100	4-5
Process Magenta	FUV - 100H*	7
Warm red	FUV - 101	4-5
Rubine Red	FUV - 102	5-6
Orange	FUV - 200	4-5
Process Yellow	FUV - 300	4-5
Process Yellow	FUV - 300H**	7
Yellow	FUV - 301	5-6
Green	FUV - 400	8
Process Cyan	FUV - 500	8
Process Blue	FUV - 501	8
Reflex Blue	FUV - 600	3-4
Violet	FUV - 700	4-5
Purple	FUV - 750	4-5
Rhodamine	FUV - 775	3-4
Process Black	FUV - 800	8
Opaque Black	FUV - 801	8
Opaque White	FUV - 900	N/A
Red 032	FUV - 032	4-5
Blue 072	FUV - 072	3-4
Transparent White	FUV - 051	N/A

*:Blue Wool Scale Range 1 through 8, where 8 is the best Light fastness value

**H: high light fastness

Storage

- The product should be kept away from heat source and direct sunlight to avoid an unwanted polymerization
- The product should be stirred perfectly before using
- The storage life under normal condition is nine months.

Note: BENZOPHENONE FREE version is available upon request