

NoriCure® MPF

is a high glossy, deep-drawable
UV curing screen printing ink



Area of applications:

NoriCure® MPF is a versatile UV screen ink, which is suitable for printing signs and displays, to be formed afterwards by deep drawing. Briefcases, ring binders or banners can be decorated as well.

Substrates:

NoriCure® MPF shows good adhesion to a wide range of substrates such as PVC self-adhesive films, rigid PVC, polystyrene (PS), polycarbonate (PC) and pre-treated polyester (PET). The suitability for printing on PMMA and polypropylene (PP) must be tested. Adhesion Promoter NoriCure® HV-F (adhesive resin) can be used to improve adhesion to difficult plastic substrates. For metal, wood or other plastic substrates Adhesion Promoter NoriCure® HV-M (adhesive additive) can be added to improve adhesion.

Properties:

- highly flexible ink film, extremely deep drawable
- excellent ink adhesion to many substrates
- medium outdoor resistance
- pigments with high light fastness
- fast curing, only low UV doses of 200 to 400 mJ/cm² (Kühnast UV-Integrator) are required, depending on color shade and ink film thickness
- constant viscosity of color shades
- NVP-free

Processing:

- press-ready
- excellent printability when printing fine details
- high blocking resistance

Finishing:

- excellent formability
- deep drawable (350 % without color variation, depending on ink film thickness)
- die cutting, trimming, folding
- can be overprinted with solvent-based screen inks and vice versa

Basic Colors for the Pröll Matching System	
092 Blending Lacquer Colorless	467 Pink Transparent
109 Citron	472 Violet
112 Yellow	570 Deep Blue
171 Yellow Transparent	669 Green Transparent
213 Orange	945 White
312 Red	948 Black
318 Red Transparent	
Standard Color	944 White Opaque
Process Inks	satin gloss (on request)
156 Process Yellow	558 Cyan
357 Process Magenta	949 Process Black
099 Process Paste	
Bronze Pastes	
2708 Silver (12 : 1)	2753 Silver Coarse (7 : 1)
Mixing ratio with NoriCure® MPF 092: 12 : 1	Mixing ratio with NoriCure® MPF 092: 7 : 1
Overprint Varnish	093 Colorless

Please ask for samples to conduct individual test prints.

