

# Reprojet P HDM Imaging Film



Fofox Reprojet Film is an innovative Nanoporous coated, clear transparent polyester film for the production of positive or negative film separations that can then be contact exposed to silk screens, photopolymer pad, letterpress or flexo plate materials.

Reprojet HDM has a matt, special structured surface for optimal contact and fast vacuum properties.

The coating offers even higher ink absorption and faster drying times and an even greater UV density range with the optimisation of print settings. Images dry super fast due to a highly porous coating ensuring print speeds are further optimised. The film meets the highest demands with regard to image registration accuracy, dimensional stability.

## Printing Ink Systems (Waterbased Only)



## Stock Roll Sizes

Code Number	Width (mm)	Length (m)	Total Thickness (mm)
20450.165.34200	431	30	0.165
20450.165.36100	610	30	0.165
20450.165.39200	914	30	0.165
20450.165.31200	1118	30	0.165
20450.165.32200	1270	30	0.165
20450.165.33500	1370	30	0.165
20450.165.35200	1524	30	0.165

## Technical data

- Wide range of linearization options
- Good wet smear resistance
- Good mechanical properties.
- Good compatibility with screen and polymer emulsion surfaces
- High dimensional stability and accuracy of registration
- High visual contrast

*Tested and approved by Epson Australia on current T and P series machines. Best suited to the T5460 which is a mid-range technical printer and the printer of choice for those after a dedicated printer for this use. Also approved for T3160/T5160.*



Exclusively Supplied By **AVFLEX Australia Pty Ltd**


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**Features:**

- High visual contrast/ High Level Ink Absorption/Optimal line and point sharpness
- Density range: Dmax UV: 3.2 up to > 4 (depending on RIP settings, ink systems); Dmin UV: approx. 0.06 to 0.12
- Dot reproduction = up to 72 L/cm (180 lpi) for flexo printing application
- Coated on reverse side for good slip properties and fast vacuum in the exposure device.
- Instant dry
- Transparent, slightly matt, nanoporous coating

Coating Printsides	Ink Jet
Coating Backside	Special gliding surface
Width (inch)	24
Width (mm)	610
Printside	Light matt, structured finish
Length (ft)	98.43
Length (m)	30
Nominal thickness (mil)	5
Nominal thickness (mm)	0.125
Backside	Special gliding surface
Total Thickness (mil)	6.5
Total Thickness (mm)	0.165
Base Material	Clear-transparent polyester film
Packing quantity	1



Suitable for most Ink Jet plotters using waterbased dye-or pigmented inks. *Not compatible with oil and solvent based ink systems.*

**Handling**

- For printers with two black inks, we recommend using Photo Black / Glossy Black. Optimal between 15-30°C and 40-60% r.h.
- A preconditioning period of 24 hours within the printing environment is recommended.
- Dye-based image areas (inkjet-printing) show a typical absorption spectrum. Therefore a correct density measurement is possible only with an ultraviolet densitometer (eg. X-Rite 369).
- For demanding halftone and separation work, we recommend special RIP-Software tools such as COLORGATE-Filmgate, WASATCH, PERFECTPROOF etc For optimal half-tone reproductions it is essential to make settings with a correct linearization process. To prevent sticking to the screen emulsion during exposure we suggest lightly dusting with powder.
- Avoid fingerprints on printing side.

**Storage**

Store in a cool and dry place at a room temperature of 15 - 25°C and at a humidity of 30 - 60%.