



REPROJET P

Clear Transparent Repro Films for Ink Jet Printers

A top coated clear transparent film for the production of reprographic masters in the pre-printing stage to expose silk-screens, flexoplates and other light-curing copying systems. The film meets the highest demands with regard to dimensional stability, flatness and UV density even with high ink loads. HP/RS version available with removable white plastic strips for Hewlett Packard plotters equipped with optical sensors.



Characteristic

- Suitable for Thermal printers
- Suitable for Piezo printers
- Suitable for Pigment Ink which offers improved light
- Suitable for Dye Ink
- Dot Reproduction: up to 48 L/cm for screen print
- High UV-Density: DmaxUV: 3.5 up to > 4
dependant on RIP settings, ink system as well as spectral sensitivity curves of the desitometer
DminUV: ca. 0.09 to 0.13
- Fast Ink Drying
- High Ink Absorption
- Coated on reverse side for good slip properties and fast vacuum in the exposure device.

Finish

- Clear Surface

Specifications

• Coating frontside	For Ink Jet
• Coating backside	Coated on reverse side for good slip properties and fast vacuum in the exposure device
• Print side	Semi-matt coating
• Back side	Special slip coating
• Base material	Polyester film
• Width (mm)	1067
• Length (m)	30
• Width (inch)	42
• Length (ft)	98.43
• Base/Nominal thickness (mm)	0.125
• Base/Nominal thickness (mil)	5
• Total thickness (mm)	0.160
• Total thickness (mil)	6.4
• Packing quantity	1

Compatibility

- To achieve high ink coverage (copy density) use a printer, which is able to print with a high resolution and a high dot-size volume. These variable settings are sometimes not supported by the usual driver settings. They can be made for screen printing applications only with special RIP-tools.
Therefore for this reason small format printers (A4, A3) often do not provide the desired performance.
- Dependant on ink type dye ink can produce a migrating yellowing effect.

Handling

- A preconditioning period of 24 hours within the printing environment is recommended.
- For sophisticated screen and separation applications, we recommend the use of dedicated RIP-Software tools such as COLORGATE-Filmgate, WASATCH, PERFECTPROOF and similar packages in combination with LF-printers like EPSON Stylus pro series (Ultrachrome Photo Black / K3-ink), HP Z-series & CANON iPF-series.
- For optimal half-tone reproductions it is essential to make settings with a correct linearization process.
- Due to the high ink absorption of the film coating the surface is strongly hydrophilic and can therefore in high humidity or very dry climates have a tendency to curl. Installing temporary air-drying heaters or humidifiers near the printer may reduce or eliminate this issue.
- Optimal between 15-30°C and 40-60% r.h.
- Avoid fingerprints on printing side.
- When exposing certain types of emulsions and polymer plate layers (flexo) the film can sometimes have a tendency to stick to the image areas. This effect can be reduced by set off "pre-powdering" (Talcum) of the film and emulsion. A very thin and transparent PET-film can also be used but be aware of undercut issues.
- The copy density should register with a UV-Densitometer (p.ex. X-Rite 369) to a value >3. Densitometers with a measurement range in the visible light spectrum (measurement filters DVIS) can lead to inaccurate results.

Storage

- Unopened in original packaging storage time is minimum 1 year after shipment (under recommended storage conditions).
- Cut sheet product has the print side facing downwards in the box.
- Store in a cool and dry place at a room temperature of 15 - 25°C and at a humidity of 30 - 60%.

Further Articles

Cut sheets

Art. Number	Base/Nominal thickness (mm)	Format	Packing quantity
20476.155.44000	0.125	A4	100
20476.155.43000	0.125	A3	100

Rolls

Art. Number	Base/Nominal thickness (mm)	Width (mm)	Length (m)
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20476.155.34200	0.125	431	30
20476.155.36100	0.125	610	30
20476.155.39200	0.125	914	30
20476.155.30700	0.125	1067	30
20476.155.32200	0.125	1270	30
20476.155.33500	0.125	1370	30
20476.155.35200	0.125	1524	30