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Technical Bulletin

UDRC Filter Replacement on ThermoFlex Mid and Narrow Devices

Kodak® ThermoFlex® Mid and Narrow devices are currently offered with two options for the removal of gaseous emissions generated during imaging:

- External ventilation (standard)
- Indoor exhaust with chemical filtration

Both options include the filtration of particulates generated during the imaging of ablative flexographic plates, letterpress plates, and film. The indoor exhaust option requires the use of chemical filters in addition to the particulate filters. This technical bulletin provides recommendations on filter replacement intervals for both particulate and chemical filters.

Note that all estimated lifetimes (following) are based on 100% imaged area. Kodak customers are responsible for estimating the actual imaged area for a given job and keeping track of the accumulative imaged area.

The ThermoFlex Mid II Hybrid and Narrow Hybrid devices, and any ThermoFlex Mid or Narrow non-hybrid device that is upgraded in the factory, include a sensor that generates a warning message when the Universal Debris Removal Cabinet (UDRC) filter needs to be replaced. For these devices, it is not necessary to keep track of the accumulative imaged area.

Particulate Filter Replacement

ThermoFlex Narrow and ThermoFlex Mid devices do not monitor the UDRC particulate filter. For these devices, the customer must keep track of the accumulative imaged area and replace the particulate filter after approximately 600 square meters.

Contact your Kodak representative for a report on particulate filter monitoring for these devices.

Chemical Filter Replacement

ThermoFlex Narrow and ThermoFlex Mid devices that use internal ventilation also use chemical filters. For these devices, the customer must keep track of the accumulative imaged area and replace the chemical filter after approximately 170 square meters. This estimate is based on an average of the most commonly used flexography plates.

Contact your Kodak representative for media-specific chemical filter usage information.

External Ventilation

External ventilation eliminates the need for chemical filtration and is now a standard feature on ThermoFlex devices.

Contact your Kodak representative for information on an external ventilation upgrade.

About Kodak Graphic Communications Group (GCG)

The leading provider of graphic communications solutions worldwide, Kodak's Graphic Communications Group (GCG) offers image capture systems; professional color, copydot, and high-speed document scanning systems; inkjet printing and proofing systems; workflow and color management software; thermal imaging devices for film, plates, and proofs; high-quality proofing media, printing plates, and recording film; on-demand color and black-and-white printing systems; data storage products; and professional services. With corporate headquarters located in Rochester, N.Y., Kodak (NYSE: EK) has the largest global sales force and is committed to a digitally oriented growth strategy.

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