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Technical bulletin

Universal Debris Removal Cabinet Filter Replacement on ThermoFlex Devices

Creo's ThermoFlex® 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.

Please note that all estimated lifetimes are assuming 100% imaged area. Creo customers are responsible for estimating the actual imaged area for a given job and keeping track of the accumulative imaged area.

ThermoFlex Wide II devices include automatic monitoring of the chemical and particulate filter lifetimes and are excluded from this bulletin.

Particulate Filter Replacement

ThermoFlex Narrow and ThermoFlex Mid devices do not monitor the Universal Debris Removal Cabinet (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 Creo representative for a report on particulate filter monitoring for these devices.

Chemical Filter Replacement

ThermoFlex Narrow, ThermoFlex Mid, and ThermoFlex Wide I 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 Creo 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 Creo representative for information on an external ventilation upgrade.

About Creo

Creo is a world leader in solutions for the graphic arts industry. Core product lines include image capture systems; inkjet proofers; thermal imaging devices for films, plates and proofs; professional color and copydot scanning systems; workflow management software; and proofing and printing consumables. Creo is also an Original Equipment Manufacture supplier of on-press imaging technology, components for digital presses, and color servers for high-speed, print-on-demand digital printers. Creo trades under the symbols CREO on NASDAQ and CRE on the Toronto Stock Exchange. www.creo.com

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