



Air Filter Media Storage Instructions

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Title: Air Filter Media Storage Instructions

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Purpose:

To provide guidelines and recommendations for the storage of air filter media based on material properties, experience, and customer comments.

Material:

Universal Air Filter (UAF) Unifoam, Quadrafoam, Polyester, Polypropylene, MERV 11 – 15 (pleated), and OSP high efficiency (pleated) air filter media.

Shelf Life:

Since UAF air filter media may be subjected to a variety of environments beyond our control, we do not publish a life expectancy. The term “shelf life” is not typically used to describe air filter media longevity because it is a relative term.

Ideal storage conditions:

A cool, dry, dark environment is best condition for temporary storage of air filter media. Conditions that adversely affect some media are high heat, humidity at high temperatures, and ultraviolet light. Certain media can degrade if exposed to solvents and sulfates, such as exhaust. Reduced media life depends upon the severity of the digressions from ideal storage conditions.

Since the ideal conditions may be difficult to achieve in most warehouse surroundings, we have received customer feedback that indicates controlling the relative humidity between 30% - 70% and the temperature between 4°C - 30°C [40°F - 85°F] yields an acceptable environment. In addition, wrapping or covering with plastic will help keep media dry and protect from ultraviolet light.

General Guidelines:

Although we do not provide air filter media life expectancy, our opinion and experience indicates that in average, across-the-board air filter applications, the air filter media could last anywhere from several months to several years. Depending upon the application, handling, maintenance, and care of the air filter media, this range may be shorter.

We do not recommend storing air filters for long durations, many months, or years at a time. Instead, purchase cost-effective quantities and keep sufficient inventories for no more than a few months. Filters have improved permanence in an operating situation with air movement and ventilation. To ensure optimal filter integrity in the operating environment it is recommended that filters be put into service within one (1) year of the product ship date from Universal Air Filter. Check filter media integrity before installing filters stored for longer periods.

Revision History

| Rev. | Date | Description of Changes |
|------|-------------|------------------------------------|
| 1 | 14 Aug 2015 | Initial release |
| 2 | 12 Oct 2022 | Updated General Guidelines section |

Procedure Approvals

| Title | Signature (On printed master only) |
|--|------------------------------------|
| Engineering Manager Manufacturing Manager Production Manager | |

Note: These instructions are provided for informational purposes only. Please contact a UAF Sales Engineer for application specific details.