

**Quadrafoam Storage and Life Expectancy**

Document #: FS-1.1

Title: Quadrafoam Media Storage/Life Expectancy

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**Purpose:**

To provide guidelines and recommendations for the storage and life expectancy of UAF Quadrafoam media based on material properties, experience and customer comments.

**Material:**

Universal Air Filter Quadrafoam open cell polyurethane foam media.

**Shelf Life:**

Since our Quadrafoam media may be subjected to a variety of environments beyond our control, we do not publish or guarantee a life expectancy. The term "shelf life" is not typically used to describe foam longevity because it is a relative term based on environmental conditions.

**Ideal storage conditions:**

A cool, dry, dark environment is optimal. Conditions that adversely affect the media are high heat, humidity at high temperatures and ultraviolet light. It is better for air filter media to be installed in the intended equipment application with air flow versus being stored in cartons and warehouses without air flow. Media also degrades when exposed to solvents and sulfates, such as exhaust. Reduced foam 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 Life Expectancy Guidelines:**

Although we do not publish a life expectancy, our opinion and experience indicates that in average, across-the-board air filter applications, Quadrafoam media will last approximately two to three years. Depending upon the application, environmental conditions, handling, maintenance, and care of the filter media, this range may be shorter or longer.

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	2 May 2019	Initial release
2	06 Oct 2022	Added storage duration recommendations

**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.