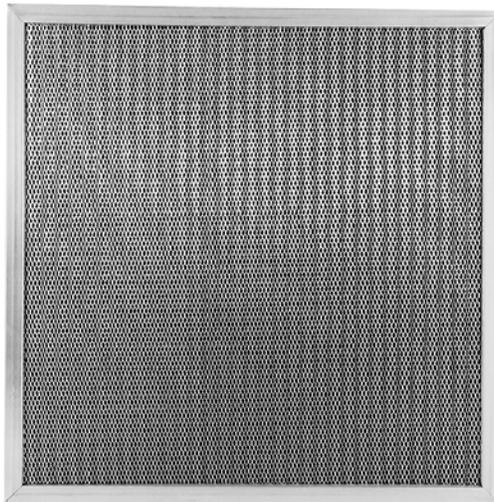




FOAM FILTER



A filter, designed to take out the fine particles of dust and dirt that a normal filter can not capture is the:

Foam Filter

Made with 30 ppi foam, enclosed in expanded media, surrounded by an Aluminum Frame, this filter is designed for years of use.

FOAM FILTER

DESIGNED FOR MODERN, TECHNICAL EQUIPMENT

The Foam Filter was designed with higher technical equipment in mind. Because of the design, this filter will catch the fine dust, dirt and other contaminants before they have a chance to get into the intricate parts of a high technical piece of machinery or delicate fan system. Because of the materials it is made from, the Foam Filter can be gently washed and replaced.

CONSTRUCTION - The frame shall be rolled Aluminum, 3003-H14 .025 in thickness. The filter pad shall consist of a front and back layer of expanded Aluminum, .020 thickness, with a flat piece of 30 ppi foam enclosed between. The one piece frame surrounds the foam pad combination and is riveted at one corner. The frame shall be punched at one side to facilitate proper drainage after cleaning.

The media is rated at ASHRAE standard 52-76 run at 300 FPM at 0.5 w.g. with a dust holding capacity of 118 grams and an average arrestance of 69%.

STOCK SIZES - The Foam Filter comes in a wide range of stock sizes, either 1/2" or 1" thicknesses.

FOAM FILTER STOCK NUMBERS:

<u>1/2" Foam Filter</u>	<u>1" Foam Filter</u>
7021 16x20x1/2	7027 10x20x1
7022 16x25x1/2	7028 12x24x1
7023 20x20x1/2	7029 16x20x1
7024 20x25x1/2	7030 16x25x1
7025 24x24x1/2	7031 20x20x1
	7032 20x25x1
	7033 24x24x1

The stock sizes are undercut 1/2" on the width and length, 1/8" on thickness. (For example: 16x20x1 is actually 15 1/2 x 19 1/2 x 7/8). All Filters have a tolerance of +/- 1/8". If you need a closer tolerance, please indicate it on the order.

**FOAM FILTERS CAN
WITHSTAND TEMPERATURES UP
TO 250 DEGREES F.**

Machinery is another excellent place to use the Foam Filter. Motors and fans are easily ruined by dirty air coming from a manufacturing plant. With proper filtration, these items can last years longer, preventing down time as well as costly repairs and cleaning costs. These filters also work in Electronic Air Cleaners, as both the pre-filter and the post-filter, in front of and behind the Electronic Filter. The Foam Filter prevents finer particles from getting to the Electronic Filter, allowing it to take care of the microscopic contaminants. When using a foam filter as a prefilter in this application, the need for cleaning the Electronic Filter is cut in half.

Another application where a Foam Filter would be advantageous would be the intake vents in buses and trains. Since the Foam Filter is made from Aluminum, it can withstand moisture that is picked up from the outside.

SPECIAL SIZES - PFP specializes in custom sizes and can manufacture any size needed. Some computer applications, for example, need a small 4x4x3/8 filter. PFP can make that. There are no minimum order requirements on any permanent filters. One or two filters can be made as well as thousands. When ordering special sizes, please indicate the exact dimensions required as the custom filter will be made exactly as requested.

CLEANABILITY - Manufactured with an Aluminum frame and outer media, this filter can be washed numerous times without losing shape or efficiency. Recommended cleaning would be to use a sink sprayer or hose and a gentle detergent. (Strong alkali should not be used on any aluminum filters). Since the foam is flat, the filter will wash easily. It is recommended to dry the filter flat so the foam doesn't migrate to one side or another. By following these cleaning suggestions, the Foam Filter should last for years.