

**Service Rolls**

Flanders Service Rolls air filtration media are manufactured in selected widths, prepared in roll



lengths that make manageable roll sizes. In most cases, a single cut across the roll will produce a ready-to-install filter pad.

The following media are offered as service rolls:

**Spun Glass:** (*Models SGxxxxKK*) This is a rigid, nominal 3/8" thick, dry spun glass. It is typically used to make rigid pads for use in room unit air conditioners. It is designed for use without a frame. Since it is untreated, it will not harm the plastic frequently used in the construction of room units.

**Foam:** (*Models FRxxxx*) A rugged polyurethane foam that is designed for use in room unit air conditioners and in pad-holding frames. It is washable and will withstand repeated cleaning with mild soap and water. Foam service rolls are available in 1/4", 1/2", 1" and 2" media thicknesses. They are washable for repeat use.

**Aluminum:** (*Models EAxx*) The aluminum service roll is an expanded aluminum mesh of the type used in room unit air conditioners. It is a nominal 1/4" thick dry filter media that requires the addition of a dust adhesive for effective filtration.

**Kwik Kuts**

These are 15"x24" pads of filter media that can be



easily cut to fit any window or wall mounted room air conditioner. They are offered in the same spun glass, foam and aluminum media described above. Also offered are 1/2" Permaire (see column at right) and plastic-backed foam.

**Hammock Rolls and Pads**

Flanders hammock rolls are available in nominal 1" spun glass, 2" spun glass, and 1" polyester synthetic fiber media. Performance data on all Flanders hammock media is available upon request.



Typically, these are for Lennox type furnaces. (Lennox is a brand name. It is used here for system identification only.)

Air Filter Media & Auto Rolls

Hammock rolls are 20 foot rolls of media cut in various widths. In most cases, a single cut across the roll will produce a ready-to-use filter pad. Flanders hammock rolls are packaged in a handy carton that can be used as a dispenser. Media used in all Flanders hammock rolls are UL Class 2 fire rated. The 1" spun glass is also available in pre-cut hammock pads, individually packaged in plastic

### Permaire Rolls and Pads

Permaire is a unique type of air filtration media that has evolved from a natural organic fiber media to a new completely synthetic, self-supporting and completely washable media. It has all the benefits



of organic media but has a longer service life, better structural integrity as well as being completely odor free. It is made of synthetic fibers and coated with a special resin, then baked together at a high temperature. The result of this process is a tough

and springy, thoroughly bonded, nearly rigid air filtration media.

Describing Permaire as merely an air filtration medium is telling only half of the story. Due to its natural rigidity, a pad of Permaire cut to the proper dimensions is actually a complete filter ready to install. It is totally self supporting. With nothing more than Permaire and a hefty pair of scissors or a razor knife, you can replace almost any size 1/2", 1" or 2" framed panel filter.

Permaire filters are passive electrostatic type products. Air running over the maze of fibers creates an electrostatic charge to catch and hold airborne contaminants. Dust particles may become charged naturally, and if so, they are held by strong electrostatic forces to the oppositely charged fiber with which they come into contact. The smaller a particle or fiber, the relatively stronger the electrostatic charges will be attained. Dirt loads throughout the filter's depth and therefore it will hold a lot more dust than other filters before requiring changing or cleaning.

Permaire is an ideal product for filter service professionals. With a roll of Permaire on your truck, you can replace almost any size panel filter. It's a perfect answer to "odd" size filters. A 10x32"special" is as close as a pair of scissors...and the same low cost as a 16x20 standard that you cut from the same roll.