



# LUI-PAK



## HIGH EFFICIENCY BAG FILTER

**Sonic-Sealed Media and High Capacity Pocket Construction for Higher Dust Flow Tolerance**

Lui-Pack Pocket Filter Media is ultrasonically sealed on both edges to provide air-tightness and high bursting strength.

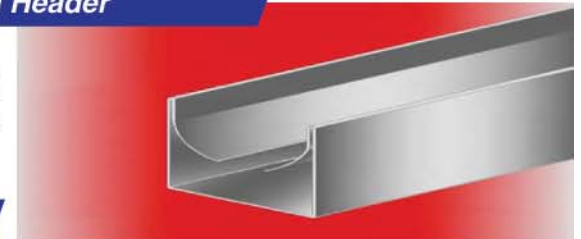


Six strips of high strength spun bond nonwoven are continuously welded inside the pockets. These spacers are effective in preventing adjacent pockets from obstructing one another due to over expansion.



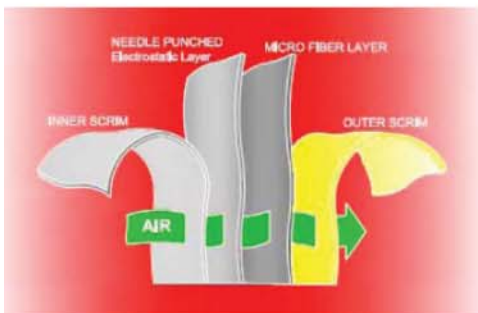
### With Seat-Designed Channel Header

The roll formed header is designed with seat inside to securely bond the metal pocket mouths to it. In addition, the seat and the entire channel's inner perimeter are also applied with strong adhesive to increase the resistance to pocket separation under heavy operation.

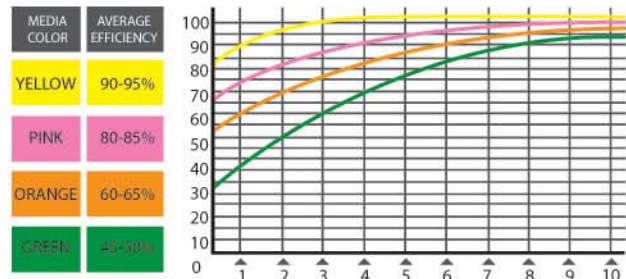


### Multi-Layered Media

Lui-Pack Medium Efficiency Filter Media Consist of four different layers of nonwoven to create an advanced gradient structure. The **Inner Scrim** Layer is situated as the first layer to protect the structure integrity of the second layer from wind shear; the **needle punched electrostatic layer** is designed for depth filtration, which effectively helps to increase dust-holding capacity of the filter; the **micro fiber layer** is designed to pick-up the remaining dust particles in the air flow; and the **outer scrim layer** is the external layer of the composite media, it basically provides strength integrity to the composite filter media and its color also provides a visual differentiation for different filtration efficiencies. The chart below is a typical scheme, which may be changed due to your particular requirements.



Lui-pack filters go through a very strict ASHRAE 52.2 Standards compliance testing. We implement in-house testing of velocity vs. initial pressure drop of all assembled filters that reference these standards. We are proud to deliver quality filters.



### Product Information

NOMINAL SIZE (INCHES) (HXWXD)	NUMBER OF POCKETS	MEDIA AREA (SQ. FT.)	AIR FLOW CAPACITY (CFM) @550 FPM	RATED INITIAL RESISTANCE (IN. W.G.) @ 550 FPM	EFF. / MERV
12 X 24 X 15	4	21.5	1000	0.38	90-95 / 14
24 X 24 X 15	8	43	2000	0.38	90-95 / 14

Due to our continuous research and development to improve our product, design / specification will be changed w/out prior notice.