



FL4000 Media Pads



Product Overview & Applications

Progressive density media with high compression strength.

Thy FL4000 pads and rolls are designed for industrial environments and have a high fiber content, high compression strength, and industrial grade adhesive to maintain their thickness to collapsing in demanding environments. The progressive density media allows for increased particle arrestance and higher dust holding capacity, while the industrial adhesive helps to trap particles and prevent them from blowing downstream.

Rugged Media for Demanding Environments

- Compression Strength:** The FL4000 media provides high compression strength, maintaining its full thickness without collapsing. This configuration permits air to flow freely through the filter with a gradual rise in resistance.
- Industrial Grade Adhesive:** A light application of an industrial grade adhesive helps retain particles as they impinge on a fiber, trapping and preventing any from breaking away and traveling downstream.
- Media Construction:** FL4000 media is designed with "progressive density" construction to allow dust particles to penetrate deeper into the surface of the filter. The fibers are designed to trap particles while maintaining high dust holding capacity.

Performance Data

| Media Type | Media Depth | MERV Rating | Rated Media Face Velocity | | Rated Initial Resistance | | Recommended Final Resistance | |
|------------|-------------|-------------|---------------------------|------|--------------------------|----|------------------------------|-----|
| | | | Ft/min | m/s | Inches w.g. | Pa | Inches w.g. | Pa |
| FL4000 | 4" | 9 | 500 | 2.54 | 0.35 | 75 | 0.60" | 150 |



The Leader in Filtration

For over 50 years, BGE has been the leader in filtration solutions in Western Canada. We believe that every job is unique and has its own distinctive requirements. Our years of experience and partnerships have helped us develop quality products like the FrontLine Media Pads & Rolls. With our manufacturing division based out of Edmonton, we make sure that we are able to develop products that are uniquely catered to solve your air quality challenges.