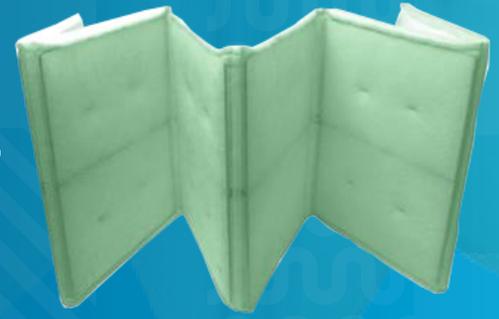




Tech IV Wire Supported Panel & Links

 Proudly Manufactured in Western Canada



Product Overview & Applications

4-Ply Medium Efficiency Wire Supported Filter

True 4-Ply Construction

Tech IV filters are constructed with 4 distinct layers of synthetic media that are arranged with the coarsest fibers on the air entering side then progressively finer fibers to the air leaving side.

The air leaving side of the intermediate layer is coated with a special adhesive designed exclusively for synthetic media. The adhesive holds dirt particles on the fibers preventing them from blowing downstream. A final layer of filter media ensures the dirt cake is held in place within the filter.

Link Filters

Tech IV Link filters are used primarily in side access systems where the entire chain can be easily inserted into and removed from the channel as a single unit without reaching or struggling with special removal devices. Easy-in, easy-out filter changing saves maintenance time. The continuous link design eliminates joints which can allow bypass.

Tech IV: At a Glance

- **Self-Sealing Design:** The self-sealing design of the Tech IV ensures there is no leakage of dirty unfiltered air and requires no latches to hold it in place
- **Recycled Media:** The Tech IV filter contains 60% recycled fiber content which reduces the impact on our environment and helps achieve GREEN initiatives such as LEED Certification
- **Unitized Construction:** The layers of media are heat sealed around the entire perimeter of the filter and at various points on the face to bond the wire frame inside the layers of media
- **Heavy Duty Welded Frame:** A heavy gauge galvanized steel frame is sandwiched between the layers of media for support and rigidity. Parallel wire support members are welded to prevent snagging or tearing of the media

Performance Data

Rated Filter Face Velocity		MERV Rating	Average Arrestance	Recommended Initial Resistance		Recommended Final Resistance	
Ft/min	m/s			Inches w.g.	Pa	Inches w.g.	Pa
300	1.52	7	85-90%	0.28"	70	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 Tech IV Wire Supported Panel Filter. 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.