

MSB Replacement Elements

Introduction

The multiple layer construction of the Excellement™ media used in these elements has evolved from comprehensive laboratory testing. The outermost layer is designed to maintain element integrity. Next is a layer of spun-bonded scrim, offering coarse filtration and protection for the more delicate filtering layers within. Multiple sheets of fine filtering media follow, providing intricate passageways for the entrapment of dirt particles. When combined, the layers of the new Excellement-MD™ filter media provide the ideal formulation for filtration performance used in severe mine duty applications. Soak testing in 95/5 fluids proves that Excellement-MD™ media scrim and wire mesh maintain their integrity. This new media will provide better protection for the valves on the longwall shields and extend the pilot element's service life in any longwall application.



Advantages

- **Low pressure drop**
Better media construction results in lower pressure drops across element, promoting longer life.
- **Proven Schroeder quality**
Schroeder has been providing contamination solutions to the mining industry for over 60 years.
- **Factory & field support**
Dedicated specifically to the mining industry.
- **Schroeder-brand advantages**
Features such as plasma welds (instead of epoxy) and design improvements such as an added hex slot in cap set Schroeder replacement elements apart from the competition.

Applications

- **Mining**

Technical Specifications

Filtration Range: 25 µ - 150 µ

Element Material: Stainless Steel
*End Caps, Support Tubes,
Metal Mesh*

O-Ring Material: Buna N

Back-up Ring (if applicable): Nylon

Flow rate: Up to 6,000 psi (400 bar)

Schroeder
INDUSTRIES

580 West Park Road | Leetsdale, PA 15056
ph. 724.318.1100 | fax 724.318.1200



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www.schroederindustries.com