

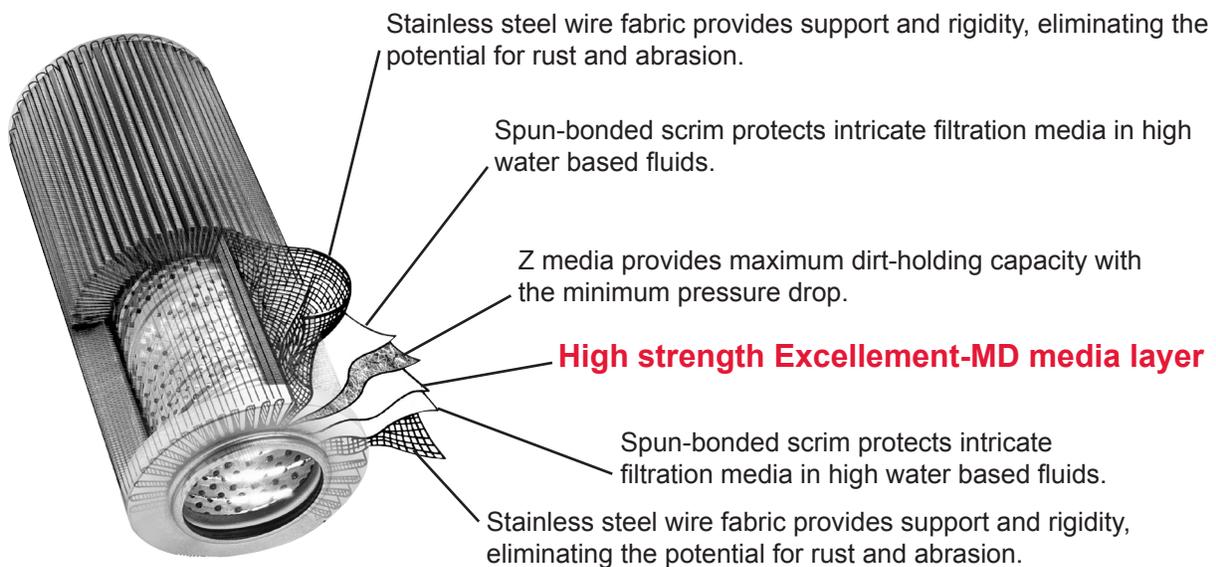
# Excellement-MD™ Media

## For Severe Mine Duty Applications



Schroeder has been the leader in mining filtration for over 60 years, and was the first company to identify the need for ultra high-efficiency micronic filtration in mining systems. Schroeder continues to be a pioneer in the development of mining filtration concepts and products. Due to the ever changing chemical make-up of mining source water and oil additive packages, we are proud to introduce our next generation of media advancements. We accomplish this by applying an additional layer to our existing superior “Z” media.

### Excellement-MD™ Media Layer Breakdown



The multiple layer construction shown above has evolved from comprehensive laboratory testing to provide extended element life and system protection. Each successive layer performs a distinct and necessary function. The outermost layer is designed to maintain element integrity. Beyond this layer is a 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. Through the addition of new materials, the strength of our media has been improved when applied in water based fluids. 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.

**Schroeder**  
**INDUSTRIES**

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