

After more than 5 years, \$7 million dollars of research and development and capital investment, Schroeder Industries has developed its third generation design **Excel-ZPlus®**. This new element design has the highest lot-to-lot repeatability in the industry at the lowest possible cost to the customer. Schroeder will begin rolling out this new element design in the Schroeder K-series elements (HF4 elements), specific to our KZ5 and KZ10 series. This next generation design continues to highlight Schroeder's commitment to creating and sustaining the highest media performance and value in our industry. The next generation **Excel-ZPlus®** is designed to meet growing demand for performance improvements to HF4 elements.

Specific to K-sized elements, this optimized element design has out-performed our current standard in Dirt Holding Capacity, Efficiency and Service Life. **A few notable improved performance areas are:**

- 30% improvement in dirt holding capacity for 5 micron
- True beta 1000 efficiencies at the rated micron rating for 5 and 10 micron
- 30% cost reduction in total cost of ownership for

Excel-ZPlus® will replace Schroeder's current media Excellement® starting with the HF4 elements. Over the next 12 months, all existing Schroeder Excellement® elements will be transitioned to the new **Excel-ZPlus®** element design.

