

# Introducing Schroeder's Re-Engineered and Improved

## **CoreCentric®** The Only Coreless Element Designed with Backbone

**CORE  
ON  
CORE**

CORELESS ELEMENT DESIGN

Schroeder's re-engineered **CoreCentric®** element series incorporates a unique **core on core** element design. Designed to slide easily over the filter's fixed core, this rigid cylindrical inner core is also impervious to vertical sagging. Now Corecentric elements are produced with a perforated outer wrap that provides better flow through the element and greater media stability. **CoreCentric®** coreless elements create a new standard for quality, value, and efficiency in a **fully disposable** coreless filter element.



**CoreCentric is designed not to "stick".**

**CoreCentric's** easily accessible raised handle makes extracting the element simple and effortless. Schroeder engineers designed **CoreCentric** elements with "backbone", preventing the elements from becoming "hopelessly stuck" to the host filter's inner core. **CoreCentric's** no-stick design means quick repair and no ripped elements — saving maintenance and downtime costs.

**CoreCentric incorporates Schroeder Excellence® Z media.**

Schroeder's world-renowned Excellence Z media, consisting of synthetic glass layers, provides maximum element life and greater  $B_{x(c)} \geq 1000$  efficiencies.

**CoreCentric minimizes environmental concerns.**

**CoreCentric** elements contain no metal, and are constructed of fully recyclable materials under Plastic Recycling Codes 1 through 7. Various ecologically sound methods may be utilized in the disposal of **CoreCentric** elements. Crushing, shredding or burning spent elements reduces disposal costs, and minimizes landfill waste volumes.

**CoreCentric provides cost effective quality.**

**CoreCentric** elements continue the Schroeder tradition of supplying premium filtration at a reasonable cost.



**LIGHTWEIGHT... 75% Lighter**  
**39" & 16" Sizes Available**

## Schroeder's revolutionary **CoreCentric®** repair element is designed to provide:



### Superior Serviceability

Removing a spent **CoreCentric** element from a filter housing couldn't be easier! A sturdy, high-strength polymer extraction handle is integrated into the upper lip of the end cap, making the handle easy to grab and the element a cinch to remove.

# CORE ON CORE

CORELESS ELEMENT DESIGN

### Sturdy Support

**Outer Sleeve** • A special cylindrical support sleeve replaces metal wire and stabilizes more than 308 square feet (28.6 square meters) of contamination retaining media for optimal pleat stability and efficiency.

**Private Label Options for Volume OEMs** • We can now brand name elements with your logo. Volume requirements apply. Contact Schroeder for details.

### CoreCentric® Performance Information

Part Number	Absolute Rating (β <sub>x</sub> ≥200) Efficiency	Absolute Rating (β <sub>x(c)</sub> ≥1000) Efficiency	Dirt Holding Capacity-gm
16QCLZ1V	1	4.2	317
16QCLZ3V	3	5.8	326
16QCLZ5V	5	7.5	315
16QCLZ10V	10	12.7	306
16QCLZ25V	25	24.0	278
39QCLZ1V	1	4.2	1,259
39QCLZ3V	3	5.8	1,293
39QCLZ5V	5	7.5	869
39QCLZ10V	10	12.7	1,214
39QCLZ25V	25	24.0	1,102



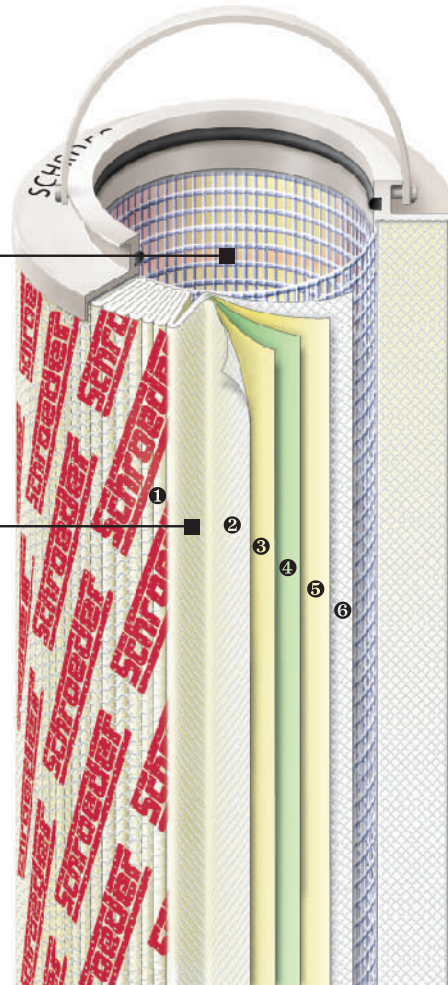
### Strength in Structure

In addition to providing structural integrity, **CoreCentric's** unique center support tube strengthens the element's resistance to variances in flow and pressure. It is paramount to the element's ease of removal.

### Media Construction

Each successive layer of **CoreCentric's** Excellement Z media multi-layer construction performs a distinct and necessary function. Together, they provide the optimum balance of high particle capture efficiency, maximum dirt holding capacity, low pressure drop, and high flow rates — the ideal combination for peak filtration performance.

- 1 Flow diffusing outer wrap provides greater stability in all flow conditions
- 2 Sturdy thermoplastic mesh provides upstream support and rigidity
- 3 Polypropylene scrim offers first pass wicking and protection for the more intricate filtering layer within
- 4 Beta-specific layers of glass media provide effective entrapment of dirt particles
- 5 Polypropylene scrim provides downstream media support and increased pleat stability
- 6 Sturdy thermoplastic mesh provides downstream support and rigidity, maintaining element integrity



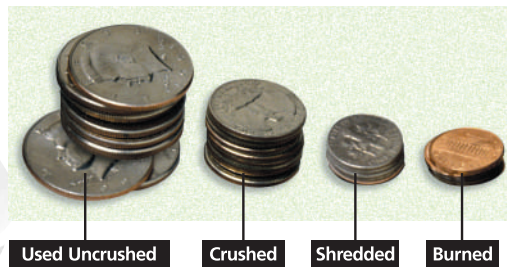
### Environmental Advantages

**Burnable** • No metal parts. Estimated BTU value of 300,500 for a 39" used element, with a burn temperature of 1040°F.

**Shreddable** • Spent **CoreCentric** elements can be immediately shredded, including the end caps.

**Crushable** • Because they consist of non-metallic materials, **CoreCentric** elements crush easily.

### Disposal Cost Advantages, using CoreCentric Elements



At right is a representation of disposal cost advantages achievable through the use of Schroeder CoreCentric elements.

CoreCentric

**Schroeder**  
INDUSTRIES LLC

THE FILTER COMPANY