



## **MicroSentry™**

### **R Series**

#### **Resin-Bonded Fiber Glass Filter Cartridges**

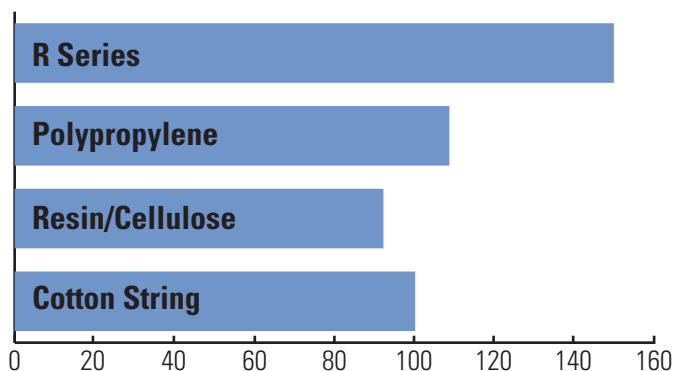
The Shelco resin-bonded cartridge has excellent dirt holding capacity and long service life. The ability to control the glass fiber also gives us excellent efficiencies and flow rates. Offered in a broad range of microns .5 to 125 micron and lengths ranging from 9.75" to 40". Each element is core supported and grooved for high viscosity applications and increased dirt holding.

### **Applications**

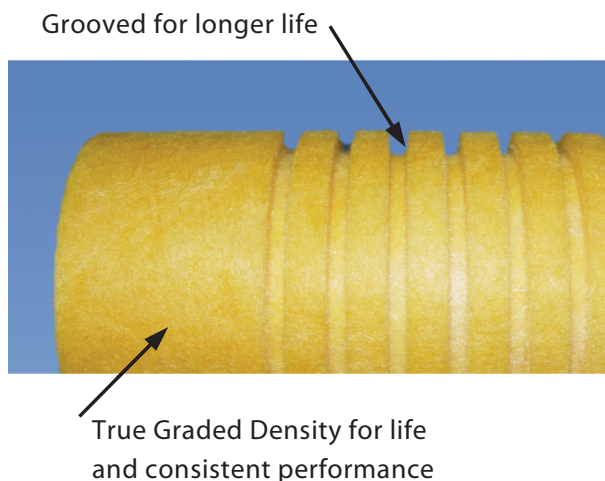
- |                    |                      |                         |
|--------------------|----------------------|-------------------------|
| • Printing Inks    | • Paints & Varnishes | • Acids                 |
| • Coolants         | • Coatings           | • Solvents              |
| • Lubricating Oils | • Thinners           | • Antifreeze / Coolants |
| • Fuels            | • Photo resists      | • Insecticides          |
|                    |                      | • Process Water         |

### **Superior Filtration**

#### **Relative Cartridge Life, %**



The chart shows the relative life characteristics of several types of depth filter cartridges commonly used in industrial filter applications. This increase, often as high as 40 percent, translates into significant cost savings in a variety of cost centers.



## Product Specifications

Cartridge Material	Core Material	*Max Temp	Max Pressure Drop (psi)
Glass Fiber / Phenolic Resin	Polypropylene	160 F (71 C)	75 (5 bar)
	Tin-Coated Steel	300 F (148 C)	100 (7 bar)
	Stainless Steel	300 F (148 C)	100 (7 bar)
	Glass Filled Nylon	300 F (148 C)	80 (5.5 bar)

\*Note: Max temperature for water is 150° F regardless of core material.

## Operating Conditions

Recommended change out: 25 -30 PSID

For additional compatability, flow rates and temperature requirments please consult the factory or your local Shelco distributor.

## ORDERING GUIDE

<b>R</b>	<b>20</b>	<b>T</b>	<b>10</b>	<b>C</b>	<b>-</b>	<b>1</b>
PRODUCT CODE	LENGTH	CORE	MICRON	COVER		OPTIONS
R	975 = 9 ¾" 10 = 10" 195 = 19 ½" 20 = 20" 294 = 29 ¼" 30 = 30" 39 = 39" 40 = 40"	P = Polypropylene T = Tin Coated Steel G = Glass Filled Nylon S = Stainless Steel	.5 1 3 5 10 25 50 75 125	C = Cotton P = Poly		Blank = None -1 = Core Veil

## Filter Housings

Shelco manufactures a full line of filter housings. From our rugged single element housings to our heavy-duty multi-rounds and bag housings, we have the right filter for your requirement. Shelco is the perfect choice for your problem solutions.



Single Cartridge Housings



Multi Cartridge Housings



High Flow  
Multi Cartridge Housings



Bag Filters



Jumbo Cartridge Housings



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# SHELCO FILTERS

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