

## **R** Wound Cartridge Elements

All-purpose elements have high dirt-holding capacity

Rosedale continuous-wound cartridge elements come in a wide range of materials, lengths, and micron retention ratings. A highly innovative single-core design is used, eliminating the "joints" common in other manufacturers' elements at 10" intervals. Materials of these elements include cotton, nylon, glass, and polypropylene. Their lengths range from 9-3/4 inches to 40 inches, fitting most cartridge housings in the field. Micron retention ratings are from 200 down to 0.5 microns. These elements offer true depth filtration, higher efficiency, lower pressure drop, and greater solids holding capacity than standard elements and competitive prices.

A full range of center core materials are offered to meet specific filtration requirements. Extended core materials are also available upon request.

The center core covering, for reducing fiber migration, is compatible with and equivalent in ratings to the micron rating of the filter element. The inside diameter of all cartridges is 1 inch and the outside diameter is 2-1/2 inches.



# R How To Order

Build an ordering code as shown in this example

**Example:** **C - 10 - A - 20 - S - 02** <sup>Option</sup>

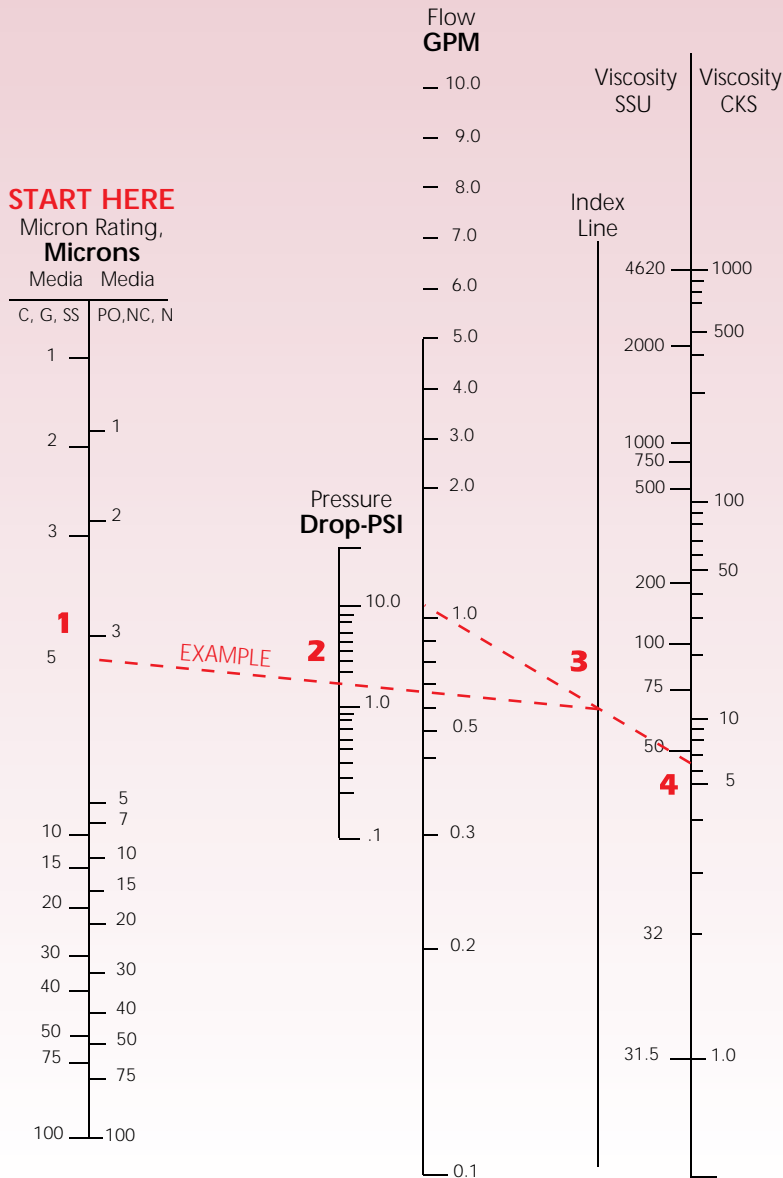
<p><b>FILTER MATERIAL</b></p> <p>Bleached-White Cotton = <b>C</b></p> <p>Glass = <b>G</b></p> <p>Nylon = <b>N</b></p> <p>Polypropylene = <b>P</b></p> <p><b>MICRON RATING</b></p> <p>200.0 micron = <b>200</b></p> <p>100.0 micron = <b>100</b></p> <p>75.0 micron = <b>75</b></p> <p>50.0 micron = <b>50</b></p> <p>30.0 micron = <b>30</b></p> <p>20.0 micron = <b>20</b></p> <p>10.0 micron = <b>10</b></p> <p>5.0 micron = <b>5</b></p> <p>3.0 micron = <b>3</b></p> <p>1.0 micron = <b>1</b></p> <p>0.5 micron = <b>0.5</b></p> <p><b>OUTSIDE DIAMETER</b> (in inches)</p> <p>2-1/2 = <b>A</b></p>	<p><b>OPTION</b></p> <p><b>EXTENDED CORE</b></p> <p><b>No Symbol</b> = No Extended Core</p> <p><b>02</b> = 316 stainless steel</p> <p><b>03</b> = Polypropylene</p> <p><b>CENTER CORE MATERIAL</b></p> <p><b>S</b> = 316 stainless steel</p> <p><b>P</b> = Polypropylene</p> <p><b>CARTRIDGE LENGTH,</b> (nominal, in inches)</p> <p><b>40</b> = 40</p> <p><b>39</b> = 39</p> <p><b>30</b> = 30</p> <p><b>29.25</b> = 29.25</p> <p><b>20</b> = 20</p> <p><b>19.5</b> = 19.5</p> <p><b>10</b> = 10</p> <p><b>9.75</b> = 9.75</p>
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**Note:** For nomograph, see the following page.

# R Pressure Drop vs. Flow Rate

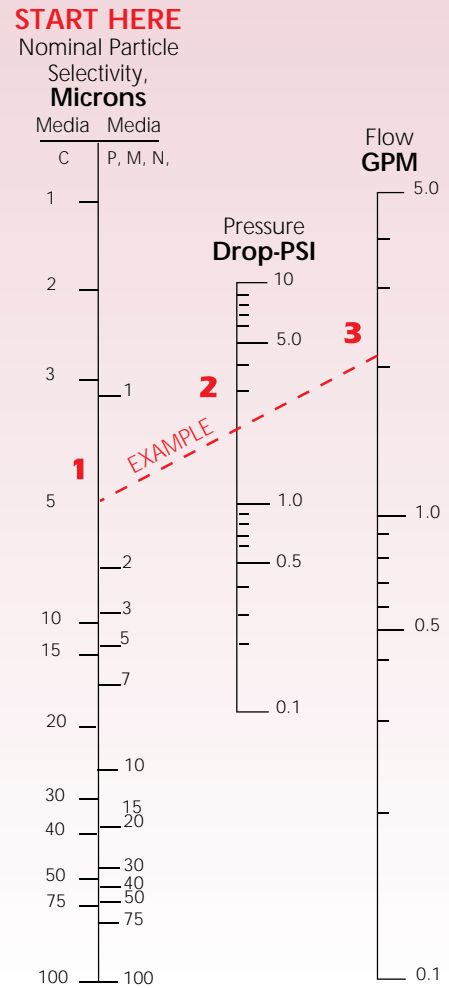
## Non-Aqueous Liquid ▼ Instructions:

1. Draw a line from the desired micron rating **1** through specified pressure drop **2**, and extend to index line **3**.
2. From viscosity **4**, draw a line through the previous intersection on the index line, continuing to intersect flow line. This is flow for one 10" element.



## Water at 68° ▼ Instructions:

- Instructions:**  
This is a direct reading. Connect the particle size **1**, with either pressure drop **2**, or flow **3**, to find the third quantity.



Media Symbols	PO	C	NC	N	G	SS
	Polypropylene	Bleached cotton	Natural cotton	Nylon	Fiber gins	Stainless steel