

# Ultrares PP-RES

*Polyester Fiber Resin-Bonded Cartridge Filters*

## Applications

- Printing inks
- Water
- Adhesives
- Insecticides
- Photoresists
- Solvents
- Antifreeze
- Hot, non-aqueous fluids
- Paints and varnishes
- Thinners
- Fuels and lubricating oils
- Coolants
- Coatings

## Features and Benefits

- High dirt-holding capacity
- Wide range of micron retention rates
- Faster flow rates
- High efficiency
- Fewer changeouts
- Consistent quality

### Operational Limits

#### Maximum Temperature Rating

250°F (121°C) in gases

180°F (82°C) in aqueous and non-aqueous liquids

### Dimensions

**Outside Diameter** 2.5" (6.4 cm)

**Inside Diameter** 1" (2.5 cm)

#### Lengths

9.75" (24.8 cm) | 29.25" (74.3 cm)

10" (25.4 cm) | 30" (76.2 cm)

19.5" (49.5 cm) | 39" (99.1 cm)

20" (50.8 cm) | 40" (101 cm)

### Materials

Phenolic resin impregnated, wound polyester fibers with coreless construction



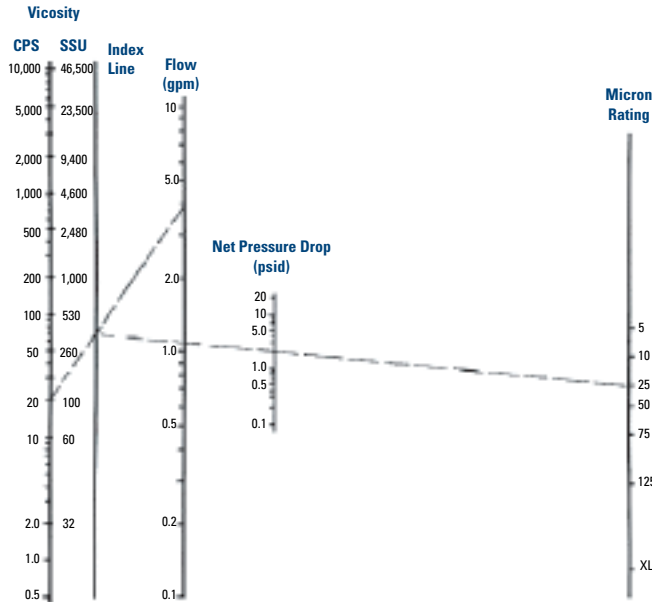
**Filter Products Company**

Richmond, VA  
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**Ultrares PP-RES** is a resin-bonded, spiral wound filter cartridge suitable for a wide range of applications. Ultrares PP-RES utilizes phenolic resin impregnated, long-strand polyester fibers for efficiency and long life. Uses for Ultrares PP-RES include adhesives, coatings, inks, and many more applications, both water and solvent based.

# Nomograph for High Viscosity Liquids per 10-inch Length



Note: SSU conversion assumes a specific gravity of 1.0.

## Non-Aqueous Liquids

To size a housing, determine several variables: the desired micron size, the pressure drop permitted, the maximum flow rate, and the fluid viscosity. If any three are known, the fourth may be plotted on the nomograph above.

Example:

1. Draw a line from the desired Micron Size (Cartridge Type) through the desired initial Pressure Drop to intersect with Index Line.
2. Draw a second line from Fluid Viscosity through the Index Line intersection to determine the recommended Flow Rate.
3. Read Flow Rate in GPM.

Ordering Information					
Base Model Number					
1C-PP-RES-(End Code)-(Length Code)-(Rating Code)					
Example: 1C-PP-RES-P-L29-M10					
End Configuration*		Element Length		Nominal Micron Rating	
Code	Configuration	Code	Length (in.)	Code	Rating
P	End #1 - Plain	L1	10	M3	3 µm
	End #2 - Plain	L2	20	M5	5 µm
P7	End #1 - 2 x 226 O-rings	L3	30	M10	10 µm
	End #2 - Fin	L9	9.8	M15	15 µm
	O-ring material - EPDM	L19	19.5	M25	25 µm
		L29	29.3	M50	50 µm
				M75	75 µm
				M100	100 µm
				M125	125 µm

\*Other configurations available upon request



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