

AMT
Agricultural Mfg. & Textiles, Inc.

PRODUCT NAME: String Wound Filter Cartridge with PP Support Core

RAW MATERIAL: PP - Polypropylene

Yarn - Polypropylene, cotton, glass fiber

Core - Polypropylene, stainless steel

FILTRATION PRECISION: 1, 5, 10, 20, 50 Micron

DIMENSION: **Standard Size:** 2.0 in x 10 in, 2.5 in x 10 in, 20 in

Jumbo Size: 4.5 in x 10 in, 20 in

- FEATURES & BENEFITS:**
- String wound filter cartridge is used in pre-filter application
 - Enhanced design provides improved dirt-holding capacity over standard wound cartridges
 - Provides long life-cycle
 - Efficient filtration solution to reduce sediment, dirt, rust, and particles
 - More resistance to chemicals

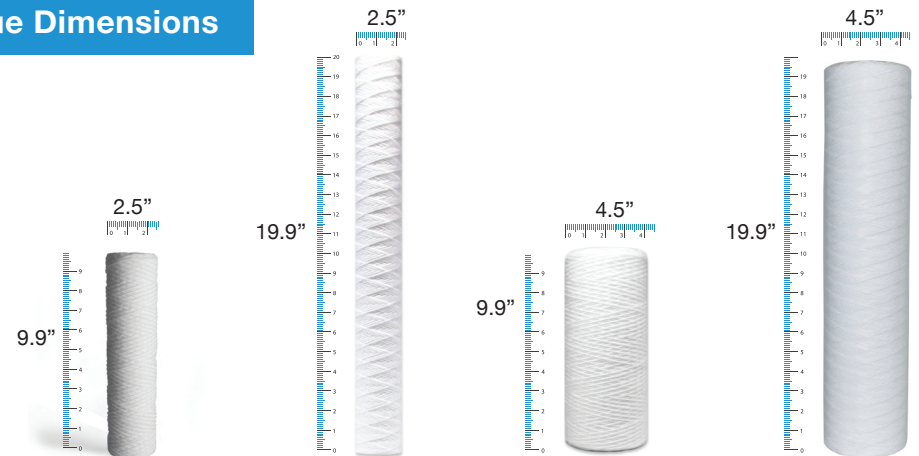
- APPLICATIONS:**
- **Cotton:** organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals
 - **Polypropylene:** water, dilute acids, oxidizing agents, plating solution
 - **Glass fiber:** chemicals, organic solvent, strong acid and alkali, high temperature resistance

Average Flow Rates (Gallons Per Minute)

Filter Size	1 Micron	5 Microns	10 Microns	20 Microns	50 Microns
2 in x 10 in	2.19 GPM	2.21 GPM	2.24 GPM	2.27 GPM	2.32 GPM
2.5 in x 10 in	4.41 GPM	4.43 GPM	4.49 GPM	4.54 GPM	4.62 GPM
2.5 in x 20 in	8.82 GPM	8.87 GPM	8.98 GPM	9.08 GPM	9.24 GPM
4.5 in x 10 in	10.38 GPM	10.43 GPM	10.48 GPM	10.54 GPM	10.61 GPM
4.5 in x 20 in	20.76 GPM	20.86 GPM	20.97 GPM	21.08 GPM	21.23 GPM

Average Flow Rate (GPM)
Pressure Drop <15 PSI Per 10in L

True Dimensions



Technical Data

Max Operating Temperature (°F)	176
Max Feed Pressure Resistance (PSI)	73.9692
Max Pressure Drop Resistance (PSI) 77°C	65.267
Proposed Replacement Under Pressure Drop (PSI)	21.7557