



### **Spun PP Filter Cartridges High Efficiency**

The Spun QN filtration cartridge is constructed of thermally bonded polypropylene micro fibers to ensure high efficiency.

This thermal bonded micro-fiber construction has minimal fiber release, consistent flow rate and superior filtration performance. It also is not brittle or prone to breakage problems like resin-bonded cartridges. The poly depth cartridge will not impart taste, odor or color to the liquid being filtered, which makes it ideal for food and beverage applications. The recommended temperature limit of 4.4° C to 70° C allows it to be used in many hot water applications. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

Spun QN cartridges are available in various micron ratings including 0.5, 1, 5, 10, 25, and 50 microns.

#### **Features and Benefits:**

- Thermally bonded polypropylene micro fiber construction for higher filtration efficiency
- Wide chemical compatibility, using 100% pure polypropylene.
- Materials meet FDA requirements throughout.
- Graded density structure for maximum dirt holding capacity.
- High void volume, resulting in low differential pressure and excellent dirt holding capacity.
- Supported core for overall strength
- Consistent flow rate and superior filtration performance
- Ideal for a wide variety of industrial filtration

### **Spun PP Filter Cartridges High Efficiency**

- Food and Beverage
- Process water,
- Pharmaceuticals
- Pre filtration,
- Fine Chemicals
- Solvents,
- Process streams,

- Water purification
- High purity water for semiconductor production
- Magnetic Coatings
- Solvent
- Petrochemicals
- Photographic
- Chemicals,
- Emulsions,
- Process water
- Metal Finishing
- Electroplating,
- Paint and Resin Production
- Water Treatment
- Pre-R.O.,
- Resin traps,
- Potable water
- Cosmetics

### **Spun PP Filter Cartridges High Efficiency**

#### **Materials**

- Filtering Medium: Polypropylene

#### **Removal Ratings**

- 0.5µm, 1 µm, 5 µm, 10 µm, 20 µm, 50 µm

#### **Dimensions**

##### **Standard Cartridge:**

- Lengths: 10" / 254 mm, 20" / 508 mm, 30" / 762 mm, 40" / 1016 mm
- Out side Diameter: 61 mm
- In Side Diameter: 27 mm

##### **Effective Surface Area:**

- Standard Cartridge: 0.05 m<sup>2</sup>/10"

##### **Operating Conditions**

- Maximum temperature: 70°C
- Maximum Forward Pressure: 4.1 kg/cm<sup>2</sup>
- Maximum differential pressure: 1.1 bar

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<b>Item Code</b>	<b>Size</b>	<b>Length</b>	<b>Micron</b>	<b>End Cap Configuration</b>
SPP	ST - Standard	L1 – 10"	M1 – 1 Micron	0 – Double Open End
		L2 – 20"	M2 – 5 Micron	
		L3 – 30"	M3 – 10 Micron	
		L4 – 40"	M4 – 20 Micron	
			M5 – 50 Micron	