

# String Wound Filters

**Typical Applications:**

Oil Production: well completion fluids, water recycling, flowback water

Chemicals: polishing of chemical solutions, bulk industrial chemicals, solvents, acids, bases, monomers, process and cooling water

Magnetic Coatings: audio, video & computer tape, computer hard discs, solvents

Photographic: photo emulsions, chemicals, wash & rinse water

Food & Beverage: process water, edible oils, water, corn syrup & fructose syrup, beer, wine, spice oils, flavorings

Cosmetics: creams, oils & gels

Health Care: chemical intermediates & solvents, parenteral solutions, membrane pre-filtration, process, washing & cooling water

Air & Gas: compressed air, instrument air, most gases including nitrogen, hydrogen, helium, Freon, most corrosive gases

Other: solution mining, deep well disposal, paint, ink & coatings, lubricating



<b>Media:</b>	FDA-listed bleached cotton, standard bleached cotton, natural cotton, FDA-listed polypropylene, standard polypropylene, rayon, polyester, nylon, fiberglass and fibrillated polypropylene.
<b>Center Core:</b>	Tin Core, 304 S/S, 316 S/S, Polypropylene
<b>End Treatments:</b>	Metal cap w/top spring, Poly Flat Cap, Poly Fin, Poly Spring, 222 End Cap, 226 End Cap
<b>Inside Diameter:</b>	1", 1.6", 3.25"
<b>Outside Diameter:</b>	1.75", 2", 2.125", 2.375", 2.4375", 2.50", 2.625", 2.75", 3", 4", 4.25", 4.5", 5", 6"
<b>Micron Ratings:</b>	.5, 1, 3, 5, 10, 15, 20, 25, 30, 50, 75, 100, 150, 200
<b>Length:</b>	5" - 80"
<b>Recommended Change Out:</b>	35 PSID
<b>Flow Rate:</b>	0 - 6 GPM Per 2.5"x10" Length



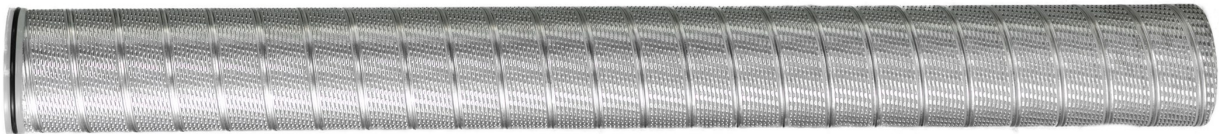
# High Flow/High Load Filters

## Bullet Bag Replacement Filter



Our Bullet Series filter has changed the way that bag filtration vessels are viewed and used. These filters utilize a proprietary string winding approach to create layers of filtration 1.5" deep. This approach traps and removes a larger volume of particles and contaminants than bags/socks. In some applications customers have captured as much as 15 pounds of particulates. Gone are the days of replacing and disposing of bags/socks multiple times per day or week and sketchy performance in capture. Reduce downtime, save on labor costs and protect your wells and pumps with the Bullet Filter.

## Torpedo Inside/Out Flow Filter



The Torpedo Series from Coleman Filter Company is a 6" OD string wound filter element available in 40", 60" and 80" lengths. They provide more depth (up to 1500 cubic inches) to trap and remove a larger volume of particles and contaminants than their pleated competition. Depending upon the micron, flow rates of up to 500 GPM (at 150 PSI) can be achieved per filter. These elements replace elements from Pall, 3M, FTC, Parker, Shelco, Jonell, PecoFacet and Global.

## Superior Solids-Loading Capability

When competing head-to-head with any surface filter (pleated, bags, etc) filter, the Bullet and Torpedo outperforms them by multiples of 5 or more. This is achieved through the depth layers of filtration. As shown in the dissected filter to the right, the gradient winding patterns allow the filters to load up from the outside in with efficiency improving throughout the life of the filter.



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