



YARN WOUND CARTRIDGES



Pyramid Technologies' depth wound cartridge, with its tapered passages, assures the best filtration available.

All of our filter cartridges are wound in a precise manner to provide true depth filtration through hundreds of tapered passageways. Depth wound cartridges offer radial pressure increase, compared to the sudden increase with surface-type filters. Progressive dirt removal from surface to core provides high dirt holding capacity. Core covers are available to prevent fiber migration.

One of the main advantages of the wound filter cartridge is its exceptionally high structural strength that can withstand severe operating and handling conditions. These cartridges are available in a wide variety of materials compatible with most liquids and gases, and in micron ratings from 0.5 to 300 nominal.

APPLICATIONS BY INDUSTRY

- Food and Beverage:** Soft drink process water, filtered bottled water, edible oil processing, corn/fructose syrup polishing, beer polishing, wine clarifying, spice oils
- Chemicals:** polishing colloidal silica fluids, water polishing fluids, industrial chemical polishing, monomer filtration for PVC, cooling water, organic solvents
- Electronics:** printed circuit process water, plating solutions, precious metal recovery, photo resist, solvents, acids, DI water, R.O. prefiltration
- Photographic:** photo processors, photo emulsions, wash water, rinse water, chemicals
- Hospitals:** water, X-ray processing, dialysis prefiltration
- Magnetic Coatings:** audio, video, computer tape, computer hard disks, solvents
- Oil Production:** secondary oil recovery, well completion, waterflood
- Cosmetics:** oils, perfumes, creams, gels
- Pharmaceuticals:** solvents, process water, cooling water, R.O. prefiltration
- Paint and ink:** process water, emulsions, pigments, dyestuffs
- Consumer Products:** household and municipal water, prefilter for desalination
- Plating:** process water, plating solutions

ORDERING CODES-WOUND CARTRIDGES

5 P 10 P F

Micron Ratings:

0.5, 1, 2, 3, 5, 10, 15, 20, 25,
30, 40, 50, 75, 100, 150, 200, 300

Filter Media:

Polypropylene – P
Polypropylene (Fibrillated) - PF
Bleached Cotton - C
Natural Cotton - CU
Rayon-R
Nylon - N
Acrylic - A
Jute - J (non-standard)
Teflon - PTF (non-standard)

Lengths:

3 7/8" - 50" in 1/16" increments

Examples: Length 10" = Order Code 10
Length 29 1/4" = Order Code 294
Length 19 1/2" = Order Code 198
Length 9 3/4" = Order Code 912

Options:

FDA Approved Fiber - F
Core Cover - C
Extended Core - X
End Treatment - E
4 1/2" Outer Diameter - BB

Core:

Polypropylene - P
Tin-T
304 Stainless Steel - A
316 Stainless Steel - S
Nylon - N
Phenolic - H
Polypropylene (Heavy Wall) - PH

Standard Outside Diameter: 2 1/2"
Standard Inside Diameter: 1.08"
others available

PACKAGING

2 1/2" Outer Diameter

4" and 5" filters	60/carton
6" filters	48/carton
10" filters	30/carton
20" and 30" filters	15/carton
40" and 50" filters	10/carton

4 1/2" Outer Diameter

10" filters	8/carton
20" filters	6/carton

Total Filter has the capability to design and manufacture many different filtration products to help you solve your specific problem. We invite your inquiries to custom design and manufacture a filter cartridge for your specific need.

All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. Since industry practices vary we make no warranty express or implied, concerning their use, nor do we accept responsibility for any misapplication of these products, or their use under any conditions.

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