



**ColemanFilter**  
C O M P A N Y

# 2017 PRODUCTS & SERVICES CATALOG



### LETTER FROM THE OWNER

For nearly 20 years Coleman Filter has been manufacturing cartridge filter elements for industrial liquid/water applications. We value partnerships with our customers and are committed to providing a quality product from our factory in Coleman, TX.

To insure product consistency our elements are made with expertly maintained machines. Our elements are chemically compatible with a wide range of liquid filtration applications.

We differentiate ourselves by:

- **Delivering a High Quality Product Manufactured in the US** – We are proud that we are creating jobs in America and buying from American suppliers. We are investing in a small town previously devastated by plant closers in the area –creating jobs where they are desperately needed.
- **Doing What We Say We'll Do** – It's a simple concept that so often is forgotten. If we commit something to you, we'll make it happen.
- **Being Innovative and Nimble** – All facets of our operation have been designed around the concept of solving problems for our customers and doing so as efficiently as possible.

In Q1 2017 we are launching our membrane cleaning service to help customers increase membrane life – saving you on costly replacement filters. We offer private labeling, packaging and drop shipping to complete your order with standard lead times of 5-10 business days. If desired, we will gladly keep filters you commonly order in stock.

Coleman Filter appreciates the opportunity to earn your business. We look forward to helping you find the best solution to your filtration needs..

Sincerely,



Mike Wallen

Owner

512-751-7323

[mwallen@colemanfilter.com](mailto:mwallen@colemanfilter.com)

## Manufacturer/Distributor

### Industrial Filtration Equipment/Products/Supplies

Coleman Filter Company proudly offers our customers:

- String Wound Filters
- Pleated Filters
- Bag Filters
- Sock Filters
- Melt Blown Filters
- Carbon Filters
- Condensate Filters
- Resin-Bonded Filters
- Industrial Housings (poly, mild steel, S/S, ASME code stamped)
- Residential Housings & Systems
- Reverse Osmosis systems (permanent or skid-mounted)
- Replacement elements for all major brands
- OEM and equals

### *If it's a Filtration Product, we manufacture it, or we supply it!*

We build replacement filters for the following filter manufacturers:

All American Filter	Millipore
American Melt Blown	Omnipure
American Plumber	Pall
Cuno	Parker
Delta Pure	Peco-Facet
Filter Factory	Pentair
Filter-All	Pentek
Filter-rite	Precision filter
Filters Inc	Purolator
FSI	Serfilco
GE	Shelco
Keystone	Texas Filter
Matrix Separation	United Filter

Call or e-mail us today and we'll gladly quote replacement filters for you.

## Manufacturer of Wound Elements

### Reliable Consistent Filtration Performance

- Graded Pore Structure for Efficient Removal of Wide Range Particle Sizes
- Cost Savings from Long Service Filter Life
- Diverse Range of Removal Ratings
- Wide Chemical Compatibility
- Suitable for Liquid and Gas Filtration
- High Contaminant Holding Capacity
- Cartridges Fit Most Standard Housings
- Various Cartridge Sealing Options
- Capacity to produce over 100,000 filters per month



COLEMAN STRING WOUND FILTERS

## Typical Applications

- **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
- **OIL PRODUCTION:** well completion fluids, water flood
- **HEALTH CARE:** chemical intermediates & solvents, parenteral solutions, membrane pre-filtration, process, washing & cooling water
- **MUNICIPALITIES:** removal of dirt, scale, rust, silt and ultra-fine sand from municipal water sources.
- **POWER GENERATION:** reduce the chances of fouling, corrosion and other problems that can damage exchangers, boilers and turbines.
- **RO PRETREATMENT:** reduce sediments and solids to provide the most optimal performance of your membrane system.
- **OTHER:** solution mining, deep well disposal, paint, ink & coatings, lubricating oils, electropolishing solutions, plating solutions, pigments & dyes, cleaning fluids, adhesives and power generation.

For additional information please contact Michael Otto ([michael.otto@colemanfilter.com](mailto:michael.otto@colemanfilter.com)),  
Mike Wallen ([mwallen@colemanfilter.com](mailto:mwallen@colemanfilter.com)) or call 325-625-1001.

*\*For High Volume Users: Contact us for special pricing. Container size orders welcome.*

## Dimensions

### Outside Diameter in Inches:

2, 2-1/4, 2-3/8, 2-1/2, 2-5/8, 3, 4, 4-1/2 (custom orders up to 6" to 8")

### Inside Diameter:

1 inch (2.5 cm), (all wildcatter, and custom diameters available)

### Lengths:

5" (12.7cm); 9-3/4" (24.8 cm); 10" (25.4 cm); 19-1/2" (49.5 cm);  
20" (50.8 cm); 29-1/4" (74.3); 29-1/2" (74.9 cm); 30" (76.2 cm);  
36" (91.4 cm); 39" (99.1 cm); 39-1/2" (100.3 cm); 40" (102 cm);  
50" (127 cm); 60" (152.4 cm); 72" (182.9 cm); (custom lengths on request)

## Performance Specification

### Micron Ratings:

0.5; 1; 2; 3; 5; 7; 10; 15; 20; 25; 30; 40; 50; 75; 100; 150; 200

## Product Specification

### Materials of Construction

#### FILTER MEDIA:

FDA-listed bleached cotton, standard bleached cotton, natural cotton, FDA-listed polypropylene, standard polypropylene, rayon, polyester, nylon, fiberglass, fibrillated polypropylene, and ryton.

#### CENTER CORE:

Polypropylene, Electrolytic Tin Plated steel (ETP), 304 stainless steel, 316 stainless steel, PVDF, Nylon, Glass Filled and Teflon.

#### CORE COVER OPTION:

Used to control fiber migration; compatible with existing fiber.  
Materials include, but not limited to, cotton, fiberglass and polyester.

#### END TREATMENT OPTION:

Please ask for more information.

## Wound Filter Nomenclature

### TYPE

Coleman Filter Company

### MEDIA

**CU** – Natural Cotton  
**CF** – FDA Bleached Cotton  
**CE** – White (bleached) Cotton  
**FIB** – Twisted Fibrillated Poly  
**FP** – FDA Polypropylene  
**EP** – Polypropylene  
**NY** – Nylon  
**RA** – Rayon  
**PE** – Polyester  
**FG** – Fiberglass

\*Custom configurations available.  
 Call for details.

### MICRON RATINGS

0.5	1	3	5
15	20	25	30
50	75	100	125
150	200		

### ELEMENT DIAMETER

<b>B</b> – 1 ¾"	<b>G</b> – 2"	<b>E</b> – 2 1/4"
<b>F</b> – 2. 3/8"	<b>F</b> – 2 7/16"	<b>R</b> – 2 1/2"
<b>N</b> – 2 5/8"	<b>S</b> – 2 3/4"	<b>P</b> – 2 7/8"
<b>W</b> – 3"	<b>Q</b> – 4"	<b>WL</b> – 4 1/4"
<b>X</b> – 4-1/2"	<b>M</b> – 4 5/8"	<b>Z</b> – 5 1/2"
<b>Y</b> – 6"		
TW – Wildcatter Cartridge 3" OD		
E – Eagle		

\*call for others



### CORE EXTENSION

**PE** – Poly Extender  
**S/S** Extender

### O – RING MATERIAL

**S** – Silicon  
**B** – Buna  
**V** – Viton

### END TREATMENT

**MCS** – Metal Cap w/topspring  
**PFC** – Poly Flat Cap  
**PFN** – Poly Fin (Spear)  
**PSC** – Poly Spring  
**222** End Cap  
**226** End Cap

### CORE COVER

**CC** – Core Cover  
**V** – Specified Cover  
**CB** – Carbon Cover

### CORE MATERIAL

**P** – Polypropylene  
**T** – Tin Plated Steel  
**S** – 304 Stainless Steel  
**A** – 316 Stainless Steel

### INCHES LENGTH

5	9.75	10	12
12.5	19.5	19.75	20
27	29.5	30	36
39	40	50	60
68	70	72	

\*SPECIAL LENGTHS  
 AVAILABLE UPON REQUEST

## Carbon Wound Cartridges

**Coleman Filter Company** carbon wound filters are a 3 in 1 cartridge manufactured by wrapping a carbon impregnated felt around a micron specific base. Another layer of yarn is added to the outside to trap particles before they can reach the carbon. Keeping the carbon clean of particulate matter allows full use of its ability to absorb taste and odor causing contaminants including but not limited to chloramines, herbicides, pesticides, hydrogen sulfides, and other organic compounds.

### Features:

- High Grade Activated Carbon
- Non-Contaminating
- Organic Impurity Removal
- Standard Filter Cartridge Replacement

### Recommended for:

- Aromatic Compounds
- Clarity Improvement
- Water Purification
- Tower Treatment
- Vending Machines
- Color Removal
- Waste/Process Water Treatment
- Photographic
- Drinking Water
- Dechlorinating
- Plating Solutions
- Benzene/Toluene
- Oil Removal
- PCB's
- Sediment Removal

### Carbon Cartridge Selection and Sizing

A. Several Factors affecting life and efficiency are:

- Particulate load in fluid
- Type and amount of contaminant to be absorbed
- Flow rate, temperature, and pH of fluid
- Single pass or recirculation system
- Contact Time

B. Impregnated carbon felt is used to purify and deodorize liquids.

C. Carbon filters are used in pre and post filtration systems. Impregnated carbon prefers chemical with low solubility low polarity and a low degree of ionization.

D. Sizing based on contact time. Longer contact time results in higher absorption.

## Melt Blown Filters

**Coleman Filter Company polypropylene melt blown filters provide:**

- True Depth Filtration
- 100% Melt Blown Polypropylene
- Low Pressure Drop
- Superior Dirt Holding Capacity
- Multi-Level Filtration
- NSF Listed
- Meets FDA regulations for contact with food and pharmaceutical products.

100% polypropylene

Maximum Temp: 150 F

Maximum Differential Pressure: 35 psid

ID: 1"

OD: 2.5"

All End Treatments Available

Graded Density Also Available

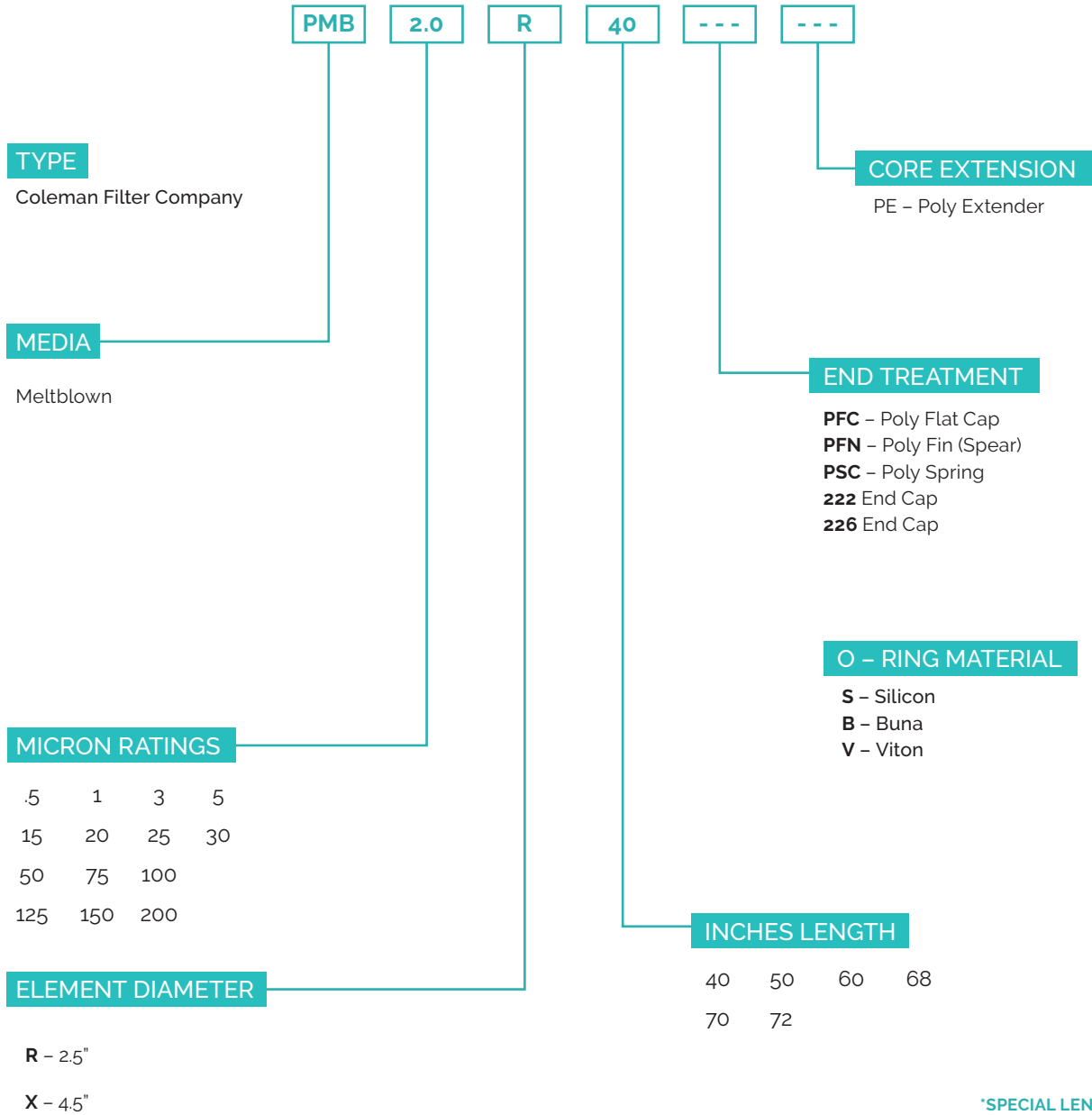
All 2.5" diameter filters provide two layers of filtration. A course outer layer for larger particulate reduction and the one inner layer for fine filtration.

All 4.5" diameter filters provide four layers of filtration. Two outer layers for larger particulate reduction and two inner layers for fine filtration.





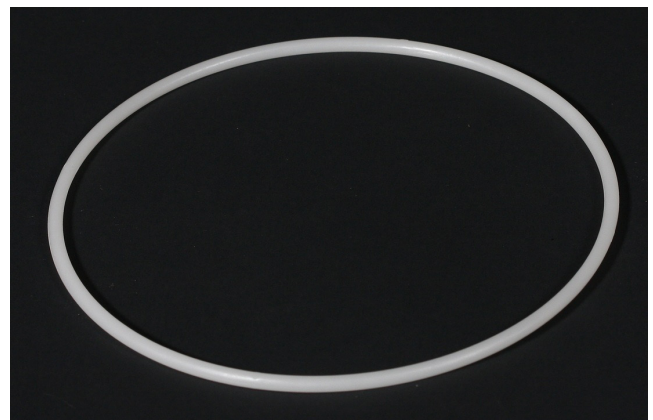
## Melt Blown Filters Nomenclature



\*SPECIAL LENGTHS  
AVAILABLE UPON REQUEST

Melt Blown Filters with cores are available by special order.

## Liquid Bag Filters



## How to Order Filter Bags

Build an ordering code as shown in his example

Example: **PE-25 - P - 7 - S - H**

### FIBER AND MICRON RATINGS

- Felt, polyester = **PE**
- Microns: 1, 3, 5, 10, 25, 50, 75, 100, 200
- Felt, polypropylene = **PO**
- Microns: 1, 3, 5, 10, 25, 50, 100, 200
- Mesh, monofilament = **NMO**
- Microns: 1, 5, 10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 600, 800, 1000, 1200
- Mesh, monofilament polypropylene = **PMO**
- Microns: 150, 200, 250, 300, 400, 600, 800
- Mesh, multifilament polyester = **PEM**
- Microns: 75, 100, 125, 150, 200, 250, 300, 400, 600, 800, 1000, 1500
- Felt, Nomex = **HT**
- Microns: 1, 5, 10, 25, 50, 100
- Polypropylene, micro fiber = **POMF**
- Microns: .5A, 1A, 2A, 10A, 25A
- Polyester, micro fiber = **PEMF**
- Microns: 1, 2.5, 5, 10, 25
- Graded Density = **GD**
- Series: 523, 525, 527, 529

### BAG FINISH OR COVER

- None (standard) = **P**
- Fiber-free glazed, or singed finish = **G**
- Polyester multifilament mesh cover = **PEM**
- Spun-bonded nylon cover (Cerex) = **C**
- Nylon multifilament mesh cover = **NM**

### OPTIONS

- H** = Handle
- B** = Binding
- WE** = Welded

### BAG STYLE

- S** = Carbon steel plated ring
- SS** = Stainless steel ring
- PP** = Polypropylene ring
- T** = Drawstring
- R** = No ring
- P** = Polypropylene flange
- POL** = Polypropylene flange
- PEL** = Polyester flange
- NYL** = Nylon flange
- POSS** = Polypropylene flange
- PESS** = Polyester flange
- NYSS** = Nylon flange

### BAG DIMENSIONS

Symbol	Dia. (in.)	Length (in.)	Symbol	Dia. (in.)	Length (in.)
1	7-1/16	x 16-1/2	RP-1	8.0	x 30
2	7-1/16	x 32	RP-2	8.0	x 40
3	4-1/8	x 8	PC-1	9.0	x 20
4	4-1/8	x 14	PC-2	9.0	x 30
5	4.0	x 24	P30	4.0	x 10
7	5-5/8	x 15	P65	4.0	x 23
8	5-5/8	x 21	X1	4-5/16	x 8
9	5-5/8	x 32	X2	4-5/16	x 14
11	8-3/8	x 16-1/2	X01-100	5-7/8	x 21
12	8-3/8	x 32	410	4.6	x 8
C-1	7.31	x 16.5	420	4.6	x 18
C-2	7.31	x 31.0			

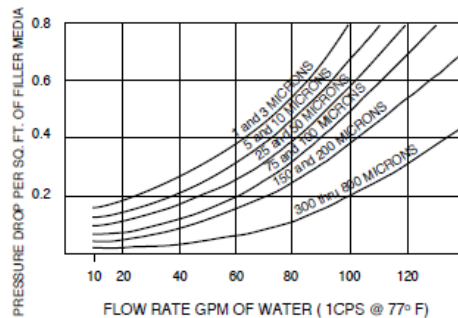
### Standard Fibers And Micron Ratings

Construction	Fiber	Available Micron Ratings																					
		1	3	5	10	15	25	50	75	100	125	150	175	200	250	300	400	600	800	1000	1200	1500	
Felts	Polyester																						
	Polypropylene																						
	HT-High Temp																						
Multifilament Meshes	Polyester																						
	Nylon																						
Monofilament Meshes	Nylon																						
	Polypropylene																						

### Compatibility and Temperature Limits For Standard Bag Materials

Fiber	Organic Solvents	Animal Vegetable & Petro Oils	Micro-Organisms	Compatibility With				Temperature-Limitations (max. deg. F)
				Alkalies	Organic Agents	Oxidizing Agents	Mineral Acids	
Polyester	Good				300			
Polypropylene	Excellent				200			
Nylon	Good				325			

Bag Size	Surface Area (sq. ft.)	Viscosity (cps)	Correction Factor
		50	4.5
		100	8.3
1	2.0	200	16.6
1 (inner)	1.6	400	27.7
2	4.4	800	50.0
2 (inner)	3.6	1000	56.2
3	0.5	1500	77.2
4	1.0	2000	113.6
7	1.8	4000	161.0
8	2.0	6000	250.0
9	3.4	8000	325.0
12	5.6	10000	430.0



**Disclaimer of Warranty**  
To the best of our knowledge, the data contained in this publication is correct; however, we do not assume any liability for the accuracy or completeness of the information. Users should perform their own tests to determine final suitability. Final determination of the suitability of any information or product for the use contemplated by any user, the manner of that use, and whether there is any infringement of patents is the sole responsibility of the user.

## Membrane Cleaning Services Overview

### Reducing Waste and Increasing Product Life of RO Membranes

Cleaning your RO Membranes is necessary to reduce fouling and clogging. Typically, this cleaning should occur every 3-9 months to extend the life of the membrane. Coleman Filter Company offers reverse osmosis membrane cleaning as a part of our services, offering our customers with the following benefits:

- Maximizes productivity
- Improves performance
- Increases membrane life
- Minimizes downtime
- Saves on costly replacement



Coleman Filter Company requires stringent handling procedures when cleaning membranes. Membranes are kept in separate storage areas for each customer while they are in our possession. Each membrane is specially marked to identify itself, its owner, and to accurately document specific results on each particular membrane.

We will gladly evaluate your membranes, estimate the remaining life and provide a recommendation on which elements can effectively be cleaned. Your membrane elements will be tested before and after cleaning to show exact performance gain. All cleaning and testing is performed on-site at our facility in Coleman, TX.

Our RO membrane cleaning typically uses acid, caustic or anti-scalant chemical treatments to clean a membrane. We follow guidelines established by Filmtec for cleaning membranes across a variety of markets including chemical, pharmaceutical, power plants and food and beverage.

For your convenience, loaner membranes may be available for you to use while we perform your cleaning. E-mail **Michael Otto** ([michael.otto@colemanfilter.com](mailto:michael.otto@colemanfilter.com)) or **Mike Wallen** ([mwallen@colemanfilter.com](mailto:mwallen@colemanfilter.com)) for more details.