



Encore® Series Filter Cartridges

Multi-Purpose Depth Filter Cartridges

- Precision wound depth filter cartridges provide cost effective filtration of fluids
- Premium cotton, standard cotton, premium polypropylene, natural cotton, and general purpose polypropylene filter media available
- Retention ratings from 1-200 µm
- Cartridge lengths from 9 ¾" (24.8 cm) to 50" (127 cm) permit rapid installation into most filter housings
- Core cover and extended core options available

Performance Specifications

Filter Grades:

1, 3, 5, 10, 20, 25, 30, 40, 50, 75, 100, 200 µm

Product Specifications

Materials of Construction:

- Filter Media: Bleached FDA-listed cotton, standard cotton, natural cotton, FDA-listed polypropylene, standard polypropylene
- Center Core: Polypropylene, Electrolytic Tin Plated steel (ETP), 304 and 316 stainless steel
- Core Cover: Cover is used to control fiber migration. Material is compatible with and equal to the resistance of the filter media.
- Extended Core: Provides additional fiber migration control and is available in polypropylene, electrolytic tin plated steel, 304 and 316 stainless steel.

Dimensions (nominal):

Lengths: 9 ¾" (24.8 cm), 10" (25.4 cm),
19 ½" (49.5 cm), 20" (50.8 cm),
29 ½" (74.9 cm), 30" (76.2 cm),
39" (99.1 cm), 39 ½" (100.3 cm),
40" (102 cm), 50" (127 cm)



Material Selection Guide

Filter Medium	Premium Cotton ¹	Standard Cotton	Natural Cotton	Premium Polypropylene ¹	Standard Polypropylene
Maximum Temperature					
Electrolytic Tin Plated Steel Core	300°F (149°C)	300°F (149°C)	300°F (149°C)	275°F (135°C)	275°F (135°C)
Stainless Steel Core	300°F (149°C)	300°F (149°C)	300°F (149°C)	275°F (135°C)	275°F (135°C)
Polypropylene Core	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)
Compatibility with:					
Food	Excellent	NR	NR	Excellent	NR
Beverages	Excellent	NR	NR	Excellent	NR
Potable Water	Excellent	NR	NR	Excellent	NR
Organic Solvents	Excellent	Excellent	Excellent	Good	Good
Oils	Excellent	Excellent	Excellent	Fair	Excellent
Organic Acids	Good	Good	Good	Excellent	Excellent
Alkalies	Good	Good	Good	Excellent	Excellent
Oxidizing Agents	Fair	Fair	Fair	Good	Good
Steam	NR	NR	NR	Fair	NR
Strong Inorganic Acids	NR	NR	NR	Excellent	Excellent
Dilute Inorganic Acids	Fair	Fair	Fair	Excellent	Excellent
Microorganism Resistance	Poor	Poor	Poor	Excellent	Excellent

¹ - FDA-listed materials. NR = Not Recommended

Part Numbers/Ordering Information

■ ● ★ – ● – ★ (e.g., 5C19.5TC – ET – 1PK)

Code ■	Filter Grades
1	1 µm
3	3 µm
5	5 µm
10	10 µm
20	20 µm
25	25 µm
30	30 µm
40	40 µm
50	50 µm
75	75 µm
100	100 µm
200	200 µm

Code ▶	Filter Medium
C	Bleached FDA-listed Cotton
NC	Natural Cotton
P	Standard Polypropylene
SC	Standard Cotton
U	FDA-listed Polypropylene

Code ●	Cartridge Lengths (nominal)
9.75	9 3/4"
10	10"
19.5	19 1/2"
20	20"
29.5	29 1/2"
30	30"
39	39"
39.5	39 1/2"
40	40"
50	50"

Code ■	Core Materials
A	304 Stainless Steel
S	316 Stainless Steel
T	Electrolytic Tin Plated Steel
U	Polypropylene

Code ★	Core Cover Option
Blank	No Core Cover
C	Core Cover

Code ▶	Extended Core
Blank	None
EA	304 Stainless Steel
ES	316 Stainless Steel
ET	Electrolytic Tin Plated Steel
EU	Polypropylene

Code ★	Packaging
Blank	Standard Packaging
1PK	Fin Sealed

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