



CW Filters

High-Grade Yarn Wound Media



CW Yarn Wound Filter Cartridges are manufactured with high grade yarns that assure a consistent product. Designed for a wide spectrum of applications from process water to harsh chemicals to high temperature filtration, the CW cartridges are an economical solution for particulate removal in challenging environments. Pore sizes range from 0.5 micron to 300 microns.

CARTRIDGES – Nominal Dimensions

Length: 5 to 40 in. (12.7 to 101.6 cm)

Outside Diameter: 2.50 in. (6.35 cm) to 4.50 in. (11.43 cm)

CW yarn wound filters are recommended for filtration of:

- High Temperature Solutions
- Plating Solutions
- Waste Streams
- High Dirt Load Applications

Critical Process provides unrivaled delivery times, technical consulting before purchasing, and very competitively priced high-performance products. Our comprehensive testing/analysis and validation services support your team whenever they need it. Your process experts partnering with our filtration experts is how we deliver your company's solution right the first time.

Clarification & Prefiltration

Maximum Operating Parameters

MEDIA	POLY CORE	METAL CORE
Polypropylene	140 °F (60 °C)	180 °F (82 °C)
Cotton	140 °F (60 °C)	250 °F (121 °C)
Polyester	140 °F (60 °C)	275 °F (135 °C)
Nylon	140 °F (60 °C)	275 °F (135 °C)
Rayon	140 °F (60 °C)	275 °F (135 °C)

Construction Materials

Filtration Media	Polypropylene, Cotton, Polyester, Nylon, or Rayon Yarn
End Caps	Polypropylene
Center Core	Polypropylene, Glass Filled Polypropylene, Tin Plated Steel, 304 SS, or 316 SS
Core Extenders	Polypropylene, Tin Plated Steel, or 316 SS
O-Rings	Buna, Viton® (or FKM), EPDM, Silicone, FEP Encapsulated Silicone, FEP Encapsulated Viton (or FKM), Polyethylene Integra

CW Filters Ordering Information

All Critical Process filters are configurable to meet customer specifications.
Fill in the corresponding codes in the boxes below to build your Part Number.

To consult with one of our technical team members, request a quote or place an order:
call (603) 880-4420 Ext. 106, or send an email to sales@criticalprocess.com

CW							
Diameter Code A = 2.5 inches B = 4.5 inches	Pore Size Code -50 = 0.50 μm 1-0 = 1 μm 3-0 = 3 μm 5-0 = 5 μm 10- = 10 μm 15- = 15 μm 20- = 20 μm 25- = 25 μm 30- = 30 μm 50- = 50 μm 75- = 75 μm 999 = 100 μm 125 = 125 μm 150 = 150 μm 200 = 200 μm 250 = 250 μm 300 = 300 μm	Media Code FP = FDA Polypropylene* P = IND Polypropylene BP = Fibrillated Polypropylene PE = Polyester FC = FDA Cotton C = Bleached Cotton NC = Natural Cotton N = Nylon Mesh R = Rayon *All materials of construction are FDA approved	Core Material Code P = Polypropylene G = Glass Filled Poly T = Tin Plated Steel A = 304 Stainless Steel S = 316 Stainless Steel	End Cap Code 0 = Flat Gasket, DOE 5 = 2-222 O-ring/Flat 6 = 2-226 O-ring/Flat 8 = 2-222 O-ring/Spear 9 = 2-226 O-ring/Spear 41 = SOE with Poly Spring 42 = SOE with Poly Core Extender 43 = SOE with Steel Core Extender 44 = SOE with 316 Stainless Core Extender	Length 05 = 5 in. (12.7 cm) 97 = 9.75 in. (24.8 cm) 01 = 10 in. (25.4 cm) 19 = 19.5 in. (49.5 cm) 02 = 20 in. (50.8 cm) 29 = 29.25 in. (74.3 cm) 03 = 30 in. (76.2 cm) 04 = 40 in. (101.6 cm) For additional lengths, consult Critical Process Filtration.	O-Ring/Gasket Code S = Silicone B = Buna V = Viton (or FKM) T = FEP Encapsulated Viton (or FKM) E = EPDM R = FEP Encapsulated	Core Cover N = None C = Compatible Cover

Housings

CPF offers Model CSH sanitary housings and Model CIH industrial housings in Single-Round (Inline and T-Style) and Multi-Round configurations. Contact us or visit our website for more information.



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Data Sheet CWDS Rev-