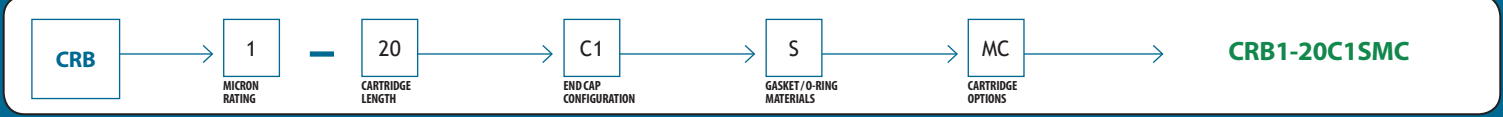


CRB Pleat

Continuous Resin-Bonded Depth

- ▶ INKS
 - ▶ ADHESIVES
 - ▶ COATINGS
 - ▶ RESINS
- ▶ OILS
 - ▶ HYDRAULIC FLUIDS
 - ▶ HIGHLY VISCOUS FLUIDS
 - ▶ HEAVY BRINE SOLUTIONS
- ▶ MACHINE TOOL COOLANTS
 - ▶ OIL WELL COMPLETION FLUIDS

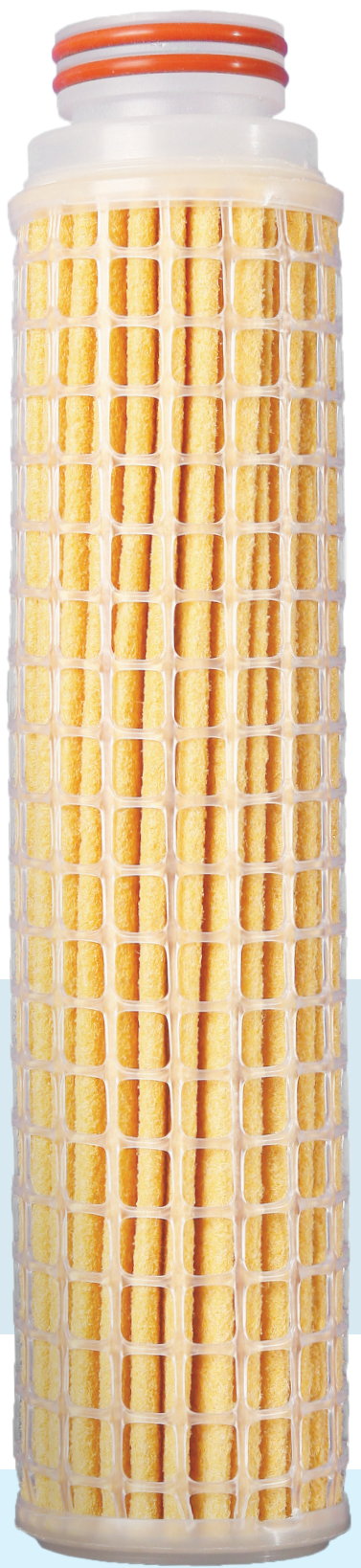
ORDER GUIDE



Strainrite's **Continuous Resin-Bonded Depth Filter Cartridges** are manufactured using long staple polyester fibers, in a specific blend of fiber diameters, and offer the broadest range of micron rated cartridges, while virtually eliminating fiber migration. Utilizing our proprietary resin coating process, we are able to take well defined micron rated depth media and treat the material, converting it from a soft, compressible fabric, to a highly advanced rigid fiber technology.

This unique rigid fiber depth filter cartridge is engineered to take advantage of targeted depth media in an optimized pleated configuration, to maximize solids loading, gel removal capacity, and filter life. CRB cartridges contain more than 3.5 ft² of surface area per 10" segment, as compared to approximately 0.5 ft² of surface area per 10" segment in a typical molded or wound resin bonded cartridge. Increased surface area reduces flow velocity, which increases filter life exponentially due to a reduction in particle penetration, promoting increased dirt holding capacity and filter life.

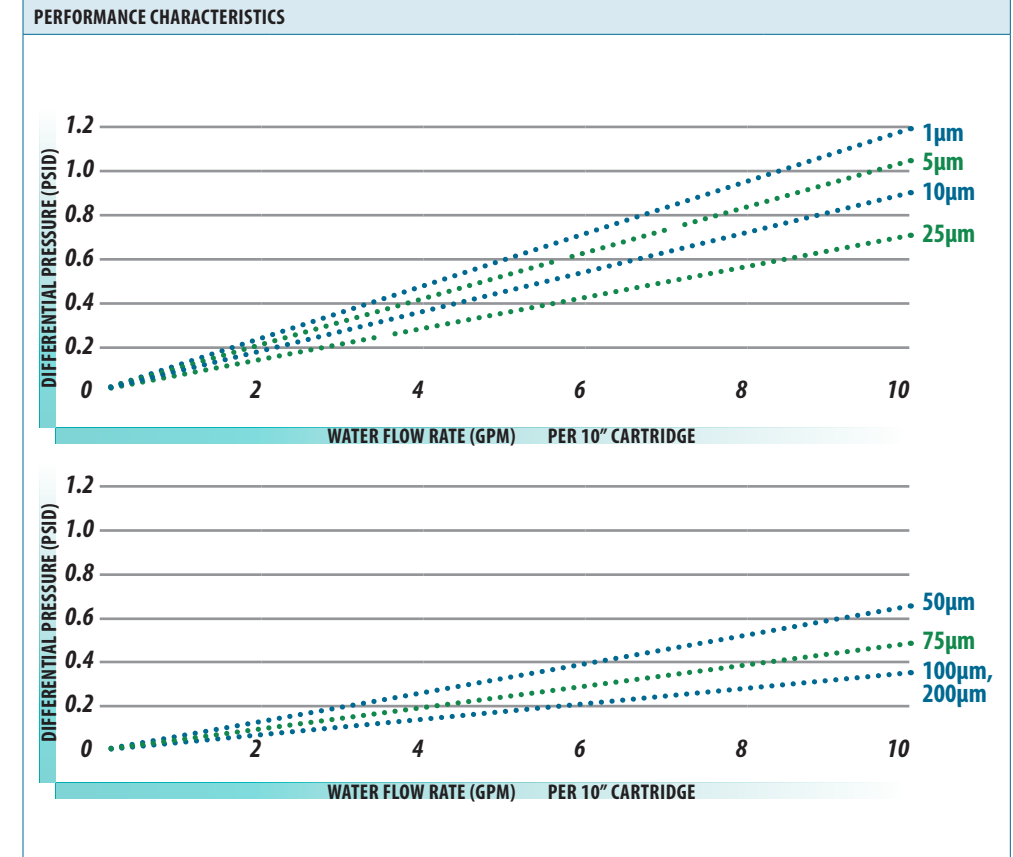
These exceptional pleated cartridges are perfect for both aqueous and non-aqueous liquids. CRB fibers are already fully impregnated, diminishing problematic swelling caused by fluid absorption. This prevents the CRB from prematurely blinding off, making it superior to common untreated filters.



- ▶ VIRTUALLY NO FIBER MIGRATION, DUE TO THE UTILIZATION OF LONG POLYESTER HEAT SET FIBERS
- ▶ LONGER FILTER LIFE ALSO REDUCES LABOR TIME ASSOCIATED WITH CHANGE-OUTS
- ▶ HIGHER SURFACE AREA COMPARED TO INDUSTRY STANDARD RESIN BONDED CARTRIDGES, WHICH PROVIDES LONGER FILTER LIFE, REDUCED DISPOSAL COST AND LOWER COST PER GALLON TO FILTER
- ▶ EXTREMELY HIGH FLOW RATES, DUE TO A SUBSTANTIAL INCREASE IN SURFACE AREA
- ▶ HIGH INTEGRITY ONE PIECE CONSTRUCTION
- ▶ NO EPOXIES, GLUES OR ADHESIVES

NEED A VESSEL FOR YOUR CARTRIDGES?
 For the CRB-Pleat, the following vessel types are most commonly used:
 SRC—PAGE 128 SRVC—PAGE 130
 As always, discuss your options with your local sales representative to find the best fit for your application.

NOMINAL RATED RETENTION			
1, 5, 10, 25, 50, 75, 100, 200			
MAXIMUM DIFFERENTIAL PRESSURE		MAXIMUM OPERATING TEMPERATURE	
Forward: 75 psid (5.1 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C)		250°F (121°C) Continuous Duty	
TOXICITY			
All components meet all relevant USP XXII Class VI test for biological safety and FDA requirements for contact with food and beverage per 21CFR177.1520			
PACKAGING ECONOMY			
Single packaging available. Bulk packaging in case quantities to reduce material disposal: 9.75-10 inch - 24 per carton 19.5-20 inch - 12 per carton 29.35-30 inch - 12 per carton 39-40 inch - 9 per carton			
FILTER MEDIA	END CAPS	CAGE/CORE	CONSTRUCTION METHOD
Phenolic Resin-Impregnated Polyester Material	Polypropylene Polyester	Polypropylene Polyester	Thermal Bond
SEALS			
Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Fluorocarbon FEP Encapsulated Silicone PTFE Foam PTFE Hard			
OUTSIDE DIAMETER		APPROXIMATE SURFACE AREA	
EXTRUDED CAGE: 2.55" (6.48cm) MOLDED CAGE: 2.68" (6.81cm)		3 SQUARE FEET PER 10"	
LENGTHS			
9.75" (24.8 cm) 10" (25.4 cm) 19.5" (49.6 cm) 20" (50.8 cm) 29.25" (74.4 cm) 29.5" (76.2 cm) 30" (76.2 cm) 39" (99.4 cm) 40" (102 cm)			



ORDER OPTIONS

CARTRIDGE	
CRB	CRB Pleat
MICRON RATINGS	
1, 5, 10, 25, 50, 75, 100, 200	
CARTRIDGE LENGTH	
9.75, 10, 19.5, 20, 29.25, 29.5, 30, 39, 40	
END CAP CONFIGURATIONS	
C1	Double Open Ends
C2	213/Recessed Cup
C3	Flat/222
C4	Single Open End/Flat
C5	Recessed Cup/222
C6	Flat/226
C7	Fin/226
C8	Fin/222
GASKET/O-RING MATERIAL	
S	Silicone
B	Buna N
V	Fluorocarbon
E	EPDM
TF	PTFE Foam
TH	PTFE Hard
TV	Encapsulated Fluorocarbon
TS	Encapsulated Silicone
CARTRIDGE OPTIONS	
MC	Molded Cage
APH	All Polyester Hardware