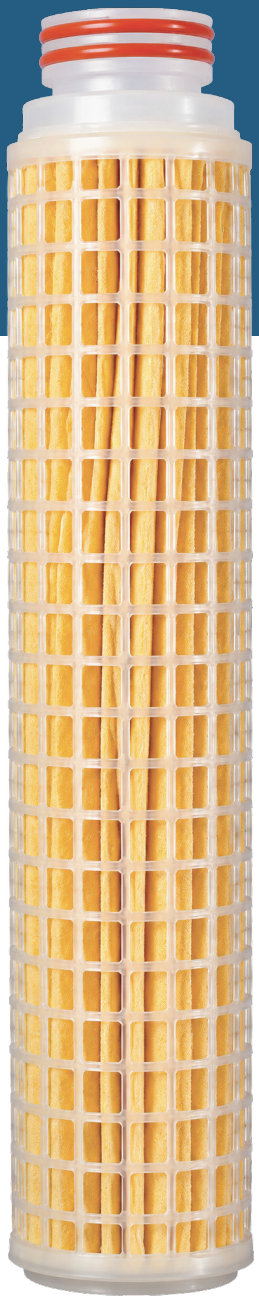
CRB Pleat

Continuous Resin-Bonded Depth

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **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**



PRODUCT DESCRIPTION

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 nonaqueous 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.

RETENTION RATING
1, 5, 10, 25, 50, 75, 100, 200 µm

APPROXIMATE SURFACE AREA
3 Square Feet per 10"

OUTSIDE DIAMETER
EXTRUDED CAGE: 2.55" (6.48cm) | MOLDED CAGE: 2.68" (6.81cm)

CAGE DESIGN
Netting

MAXIMUM DIFFERENTIAL PRESSURE
Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)

PRODUCTION PROCESS
Thermal Bond

MAXIMUM OPERATING TEMPERATURE
250°F (121°C) Continuous Duty

FILTER MEDIA
Phenolic Resin-Impregnated
Polyester Material

CAGE/CORE/ENDCAPS
Polyester
Polypropylene

TOXICITY
Cartridge materials meet USP Class VI and FDA CFR 21 for food and beverage contact

SEALS
Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon | FEP Encapsulated Silicone | PTFE Foam | PTFE Hard

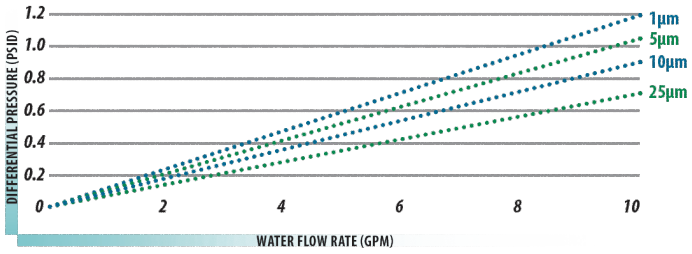
PACKAGING ECONOMY
Single packaging available. Bulk packaging in case quantities to reduce material disposal:
9.75-10 inch - 24 per carton | 19.5-20 inch - 12 per carton | 29.35-30 inch - 12 per carton | 39-40 inch - 9 per carton

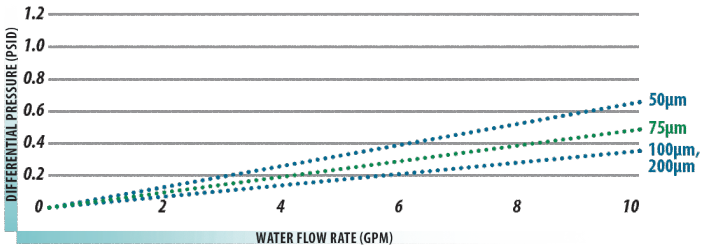
LENGTHS
9.75" (24.8 cm) | 10" (25.4 cm) | 19.5" (49.6 cm) | 20" (50.8 cm) | 29.25"(74.4 cm) | 29.5"(76.2 cm) | 30" (76.2 cm) | 39"(99.4 cm) | 40" (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

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

CRB	1	–	20	C1	S	MC	CRB1-20C1SMC
	MICRON RATING		CARTRIDGE LENGTH	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE OPTIONS	