



Double O-Rings
Withstand high water pressure



EXCALIBUR WATER SYSTEMS

Cartridges ♦ Housings ♦ Shower Filters ♦ Filtration Systems



Pleated Polyester Cartridges

These pleated cartridges are manufactured from pleated polyester media for sediment, sand, grit, turbidity and suspended matter removal for general water filtration. The polyester media is pleated around a polypropylene core for support and the end caps are immersed in a thermo vinyl plastic. This process embeds and seals each end of the pleated cartridge generating an excellent seal on the cartridge end cap.

Features/Benefits:

- ♦ Maximum dirt/grit holding capabilities
- ♦ Pleated cartridges are reusable after flushing and rinsing
- ♦ Recommended for chlorinated water supply
- ♦ Reasonable cost
- ♦ Standard and Jumbo sizes

PART NO.	DIMENSIONS	MICRON RATING	INITIAL PSI @ GPM	TYPE
SMF PL1005	2 ½" x 10" (64 mm x 254 mm)	5	< 1 PSI @ 12 GPM (.1 BAR @ 45 Lpm)	Pleated
SMF PL1010	2 ½" x 10" (64 mm x 254 mm)	10	< 1 PSI @ 12 GPM (.1 BAR @ 45 Lpm)	Pleated
SMF PL1020	2 ½" x 10" (64 mm x 254 mm)	20	< 1 PSI @ 12 GPM (.1 BAR @ 45 Lpm)	Pleated
SMF PL10B01A	4 ½" x 10" (114 mm x 254 mm)	1 (absolute)	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B01	4 ½" x 10" (114 mm x 254 mm)	1	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B05	4 ½" x 10" (114 mm x 254 mm)	5	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B10	4 ½" x 10" (114 mm x 254 mm)	10	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B20	4 ½" x 10" (114 mm x 254 mm)	20	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B30	4 ½" x 10" (114 mm x 254 mm)	30	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL10B50	4 ½" x 10" (114 mm x 254 mm)	50	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Pleated
SMF PL20B01A	4 ½" x 20" (114 mm x 508 mm)	1 (absolute)	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B01	4 ½" x 20" (114 mm x 508 mm)	1	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B05	4 ½" x 20" (114 mm x 508 mm)	5	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B10	4 ½" x 20" (114 mm x 508 mm)	10	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B20	4 ½" x 20" (114 mm x 508 mm)	20	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B30	4 ½" x 20" (114 mm x 508 mm)	30	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated
SMF PL20B50	4 ½" x 20" (114 mm x 508 mm)	50	< 1 PSI @ 35 GPM (.1 BAR @ 132 Lpm)	Pleated



Dual Gradient Density Polypropylene Cartridges

Dual Gradient Density Polypropylene Cartridges are manufactured with 100% pure polypropylene fibres and are sized to fit Jumbo filter housings. Our dual gradient polypropylene cartridges will reduce turbidity, dirt, grit, suspended matter, sand, rust and scale.

Features/Benefits:

- 100 percent pure polypropylene cartridges
- Sized to fit the Jumbo housings
- Polypropylene cartridges form a true density for premium filtration
- 40° F to 100° F (4° C to 37° C) operating temperature
- 30 to 100 PSI operating range (2 BAR to 6 BAR)
- NSF 42 Certified (tested and certified by WQA to NSF/ANSI Standard 42 for material safety)
- Polypropylene dual gradient cartridges remove dirt, grit, sand, rust, suspended matter and turbidity
- Multi-depth filtration

PART NO.	DIMENSIONS	MICRON RATING	INITIAL PSI @ GPM	TYPE
SMF DGD10BB2501	4 ½" x 10" (114 mm x 254 mm)	25/1	< 1 PSI @ 10 GPM (.1 BAR @ 38 Lpm)	Melt Blown
SMF DGD10BB2505	4 ½" x 10" (114 mm x 254 mm)	25/5	< 1 PSI @ 10 GPM (.1 BAR @ 38 Lpm)	Melt Blown
SMF DGD10BB5025	4 ½" x 10" (114 mm x 254 mm)	50/25	< 1 PSI @ 10 GPM (.1 BAR @ 38 Lpm)	Melt Blown
SMF DGD10BB7525	4 ½" x 10" (114 mm x 254 mm)	75/25	< 1 PSI @ 10 GPM (.1 BAR @ 38 Lpm)	Melt Blown
SMF DGD20BB2501	4 ½" x 20" (114 mm x 508 mm)	25/1	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Melt Blown
SMF DGD20BB2505	4 ½" x 20" (114 mm x 508 mm)	25/5	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Melt Blown
SMF DGD20BB5025	4 ½" x 20" (114 mm x 508 mm)	50/25	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Melt Blown
SMF DGD20BB7525	4 ½" x 20" (114 mm x 508 mm)	75/25	< 1 PSI @ 20 GPM (.1 BAR @ 76 Lpm)	Melt Blown



Jumbo Filtration Systems

Double and triple filtration system which are assembled on a single wall mounting brackets less filter cartridges.

Features/Benefits:

- ◆ NSF Certified Filter Housings
- ◆ Inlet/Outlet pressure gauges
- ◆ Union ball valves for easy installation
- ◆ Multi housing systems include wall mount brackets and hardware
- ◆ All systems are shipped pre-assembled
- ◆ Double O-Ring seal that is leak proof
- ◆ Maximum operating pressure 85 PSI (5 BAR)
- ◆ Maximum operating temperature 100°F (37°C)

PART NO.	DIMENSIONS (l x w x h)	FLOW RATE	HOUSING QTY	HOUSING SIZE
FH DH10C	25 3/4" x 8" x 17" (645 mm x 203 x 432 mm)	Up to 20 GPM (76 Lpm)	2	3/4" (19 mm)
FH DH10C1	25 3/4" x 8" x 17" (645 mm x 203 x 432 mm)	Up to 40 GPM (151 Lpm)	2	1" (25 mm)
FH TH10C	34" x 8" x 17" (864 mm x 203 x 432 mm)	Up to 20 GPM (76 Lpm)	3	3/4" (19 mm)
FH TH10C1	34" x 8" x 17" (864 mm x 203 x 432 mm)	Up to 40 GPM (151 Lpm)	3	1" (25 mm)
FH DH20C	25 3/4" x 8" x 28" (645 mm x 203 x 711 mm)	Up to 20 GPM (76 Lpm)	2	3/4" (19 mm)
FH DH20C1	25 3/4" x 8" x 28" (645 mm x 203 x 711 mm)	Up to 40 GPM (151 Lpm)	2	1" (25 mm)
FH TH20C	34" x 8" x 28" (864 mm x 203 x 711 mm)	Up to 20 GPM (76 Lpm)	3	3/4" (19 mm)
FH TH20C1	34" x 8" x 28" (864 mm x 203 x 711 mm)	Up to 40 GPM (151 Lpm)	3	1" (25 mm)

Doulton Ceramic Cartridges:



Doulton Ceramic Sterasyl Cartridges

The Doulton Sterasyl Ceramic Cartridges are third party validated to remove bacteria such as ecoli, vibrio cholera, shigella, salmonella typhi, kiebssiella terrigena, cryprosporidium and giardia.

Features/Benefits:

- ♦ Fits universal standard 10" filter housings
- ♦ Filtration to .5 micron/.9 absolute
- ♦ Filtration efficiency of 99.99 percent
- ♦ Highly efficient bacteriological filtration
- ♦ Ideal for reverse osmosis pre or post filtration
- ♦ NSF 42 and 53 Certified

PART NO.	DIMENSIONS	MICRON RATING	FLOW RATE
CRF W9220402	2" x 9 3/4" (51 mm x 248 mm)	.5 (.9 Absolute)	.75 GPM @ 50 PSI (2.83 Lpm @ 3.4 BAR)
CRF W9220406	2 3/4" x 9 3/4" (70 mm x 248 mm)	5 (.9 Absolute)	1.6 GPM @ 50 PSI (6 Lpm @ 3.4 BAR)



RIO 2000

The Doulton RIO 2000 unique 6 element filtration module is third party validated to remove bacteria such as ecoli, vibrio cholera, shigella, salmonella typhi, kiebssiella terrigena, cryprosporidium and giardia.

Features/Benefits:

- ♦ Fits Jumbo 10" filter housings
- ♦ Filtration to .5 micron/.9 absolute
- ♦ Filtration efficiency of 99.99 percent
- ♦ Highly efficient bacteriological filtration
- ♦ Ideal for whole house applications after pre filtration for bacteria removal
- ♦ NSF 42 and 53 Certified

PART NO.	DIMENSIONS	MICRON RATING	FLOW RATE
CRF W9381000	4 1/2" x 10" (114 mm x 254 mm)	.5 (.9 Absolute)	7 GPM @ 50 PSI (26 Lpm @ 3.4 BAR)



Ultracarb

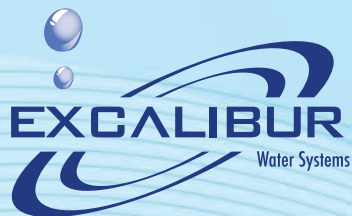
The Doulton Ultracarb ceramic are third party validated to remove bacteria such as ecoli, vibrio cholera, shigella, salmonella typhi, kiebssiella terrigena, cryprosporidium and giardia. The Ultracarb ceramics also provides carbon filtration and ion exchange media. These additional filtration steps remove high levels of chlorine, organics, chemicals, lead and other heavy metals.

Features/Benefits:

- ♦ Fits Universal Standard 10" filter housings
- ♦ Filtration efficiency of 99.99 percent
- ♦ Highly efficient bacteriological filtration
- ♦ Ideal for reverse osmosis pre or post filtration
- ♦ removes high levels of chlorine, organics, lead and other heavy metals
- ♦ NSF 42 and 53 Certified

PART NO.	DIMENSIONS	MICRON RATING	FLOW RATE
CRF W9223022	2 3/4" x 9 3/4" (70 mm x 248 mm)	.5 (.9 Absolute)	.75 GPM @ 50 PSI (2.83 Lpm @ 3.4 BAR)

Authorized Dealer



EXCALIBUR WATER SYSTEMS

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