

Section 7



Filter Cartridges

C-MAX[®] Extruded Carbon Filter Cartridges

Full line of solid block activated carbon cartridges for water treatment.



Standard cartridges



Full-Flow(B-B)

Full product line with color coded end caps to indicate cartridge type



MAX-ETW



MAX-S



MAX-CYST



MAX-VOC



MAX-T



MAX-PB



MAX-CL

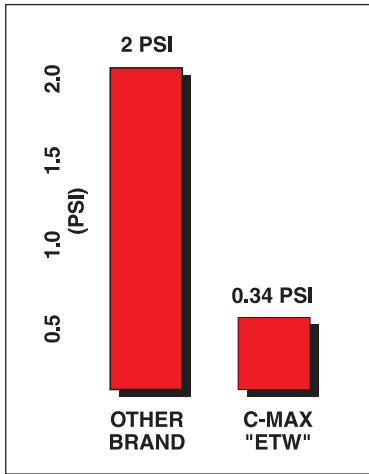
Cartridge selection guide

Cartridge type	Wall	Carbon Type	Micron	Particle Size	Very High Sediment Removal	Very High Chlorine Reduction	Cysts	VOCs	Lead
MAX-ETW	Thick	Bituminous	5	Medium					
MAX-S	Thick	Coconut shell	5	Medium	•				
MAX-CYST	Thick	Bituminous	0.5	Fine			•		
MAX-VOC	Thick	Coconut shell	0.5	Fine			•	•	
MAX-T	Thick	Coconut shell	5	Medium			•		
MAX-PB	Thick	Coconut shell	0.5	Fine			•		
MAX-CL	Thick	Bituminous	0.5	Fine		•			



C-MAX[®] carbon block cartridges are tested and certified by NSF International under NSF / ANSI Standard 42 for materials only. Performance claims are supported by company test results.

Note: C-MAX cartridges are rated for temperatures to 165°F (74°C).



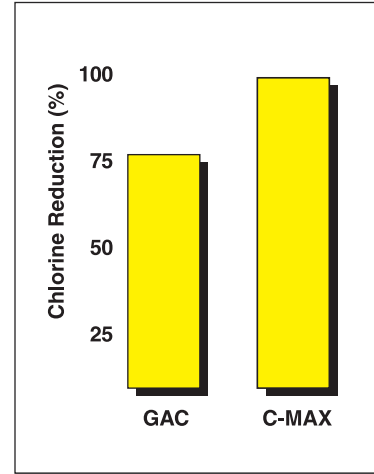
Low Pressure Drop

The chart above compares the pressure drop of MAXETW cartridges to another well known brand. This data demonstrates flow restrictions are dramatically reduced using MAXETW cartridges and not all carbon block cartridges perform the same.



C-MAX®

Your best choice when both price and performance are required!



High Chlorine Reduction

Chlorine reduction with MAXETW carbon block cartridges is dramatically greater than other cartridge types, including granular activated carbon cartridges. The above data is typical for GAC and C-MAX cartridges during their usable life.

MAX-ETW, Economical, thick wall carbon block cartridges for Chlorine taste and odor

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXETW-975	Thick Wall	2-7/8"	9-3/4"	5 nominal	3,000 gallons	12
MAXETW-20	Thick Wall	2-7/8"	20"	5 nominal	6,000 gallons	6
MAXETW-30	Thick Wall	2-7/8"	30"	5 nominal	9,000 gallons	6
MAXETW-40	Thick Wall	2-7/8"	40"	5 nominal	12,000 gallons	6
MAXETW-FF975	Thick Wall	4-5/8"	9-3/4"	5 nominal	11,000 gallons	4
MAXETW-FF20	Thick Wall	4-5/8"	20"	5 nominal	20,000 gallons	6

MAX-S, Thick wall coconut shell carbon block cartridges for high dirt holding capacity

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXS-975	Thick Wall	2-7/8"	9-3/4"	5 nominal	6,000 gallons	12
MAXS-20	Thick Wall	2-7/8"	20"	5 nominal	12,000 gallons	6
MAXS-FF975	Thick Wall	4-5/8"	9-3/4"	5 nominal	22,000 gallons	4
MAXS-FF20	Thick Wall	4-5/8"	20"	5 nominal	40,000 gallons	6

MAX-CYST, Thick wall carbon block cartridges for fine particles, cyst reduction & extended Chlorine taste & odor reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXCYST-975	Long life + cysts	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXCYST-20	Long life + cysts	2-7/8"	20"	0.5 nominal	45,000 gallons	6

C-MAX[®] Extruded Carbon Filter Cartridges

Full line of solid block activated carbon cartridges for water treatment.

MAX-VOC, Coconut shell carbon block cartridges for reduction of VOC's, cysts and extended Chlorine taste and odor reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXVOC-975	Water washed	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXVOC-20	Water washed	2-7/8"	20"	0.5 nominal	40,000 gallons	6

MAX-T, Acid washed coconut shell carbon block cartridges for RO post treatment and improved, sweeter taste

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXT-975	Acid washed	2-7/8"	9-3/4"	5 nominal	5,000 gallons	12
MAXT-20	Acid washed	2-7/8"	20"	5 nominal	10,000 gallons	6

MAX-PB, Coconut shell carbon block cartridges for lead and cyst reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXPB-975	Lead + cysts	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXPB-20	Lead + cysts	2-7/8"	20"	0.5 nominal	40,000 gallons	6

MAX-CL, Thick wall carbon block for long life and high chlorine reduction. Reduces tastes, odors, fine particles. The best choice when a "super chlorine guzzler" is needed!

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXCL-975	Thick Wall	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXCL-20	Thick Wall	2-7/8"	20"	0.5 nominal	45,000 gallons	6
MAXCL-FF975	Thick Wall	4-5/8"	9-3/4"	0.5 nominal	70,000 gallons	4
MAXCL-FF20	Thick Wall	4-5/8"	20"	0.5 nominal	150,000 gallons	6

Premium quality and economically priced C-Max[®] cartridges are in stock for immediate shipment!

WATTS® Extruded Carbon Block Filter Cartridges



Top-of-the-line coconut shell carbon block filter cartridge for chlorine, taste, odor and sediment reduction

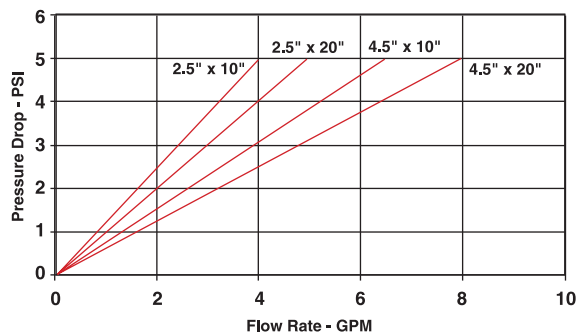
Features & benefits

- Low cost.
- Thick wall for superior performance.
- NSF Standard 42 component certified.
- Outperforms GAC cartridges four ways:
 1. Superior chlorine reduction
 2. Lower pressure drop
 3. Water cannot "channel" through media
 4. Lower cost
- Media wrap between center tube and carbon block to reduce carbon fines.
- 100% coconut shell carbon.
- Up to 99% chlorine reduction.
- Long life.

Recommended Flow Rate

Part Number	OD	Length	GPM
WCBCS975	2.5"	9-3/4"	1
WCBCS20	2.5"	20"	2
WCBCFF975	4.5"	9-3/4"	4
WCBCFF20	4.5"	20"	8

Initial Pressure Drop



Maximum operating pressure: 125 PSIG
 Operating temperature: 50° F to 125° F
 10° C to 52° C
 *Performance tested @ flow with 2ppm chlorine.

* Tested and verified by independent laboratory testing.

WCBCS975, WCBCS20, WCBCFF975 and WCBCFF20 have been tested and certified under NSF/ ANSI standard 42 for materials only.



Product codes

Part Number	Type	OD	Length	Mircon Rating*	Chlorine Reduction*	No. / Case
WCBCS975	Thick Wall	2.5"	9-3/4"	5 nominal	>4,000 Gal @ 1 gpm	20
WCBCS20	Thick Wall	2.5"	20"	5 nominal	>8,000 Gal @ 2 gpm	12
WCBCFF975	Thick Wall	4.5"	9-3/4"	5 nominal	>10,000 Gal @ 2 gpm	12
WCBCFF20	Thick Wall	4.5"	20"	5 nominal	>20,000 Gal @ 4 gpm	6

NOTE: Use only with microbiologically safe and adequately disinfected water, do not use with water of any unknown origin or water quality.

Intelifil® Molded Block Filters



Compression Molded Carbon Block



Compatible Series

VOC reduction (compression molded carbon block)

Part Number	Length	OD	Micron	Capacity	Certification	No./Case
POU-200510	10"	Std.	5Mic	15,000 gal.	WQA	25
POU-200511	20"	Std.	5Mic	30,000 gal.	x	25
POU-200512	10"	BB	5Mic	35,000 gal.	x	12
POU-200513	20"	BB	5Mic	70,000 gal.	x	6

Cyst reduction (compression molded carbon block)

Part Number	Length	OD	Micron	Capacity	Certification	No./Case
POU-200520	10"	Std.	1Mic	30,000 gal.	WQA	25
POU-200521	20"	std.	1Mic	60,000 gal.	x	25
POU-200522	10"	BB	1Mic	65,000 gal.	x	12
POU-200523	20"	BB	1Mic	130,000 gal.	x	6

Lead and cyst reduction

Part Number	Length	OD	Micron	Capacity	Certification	No./Case
POU-200530	10"		1Mic	30,000 gal.	x	25

Hydrotech® and Clack® (compatible series)

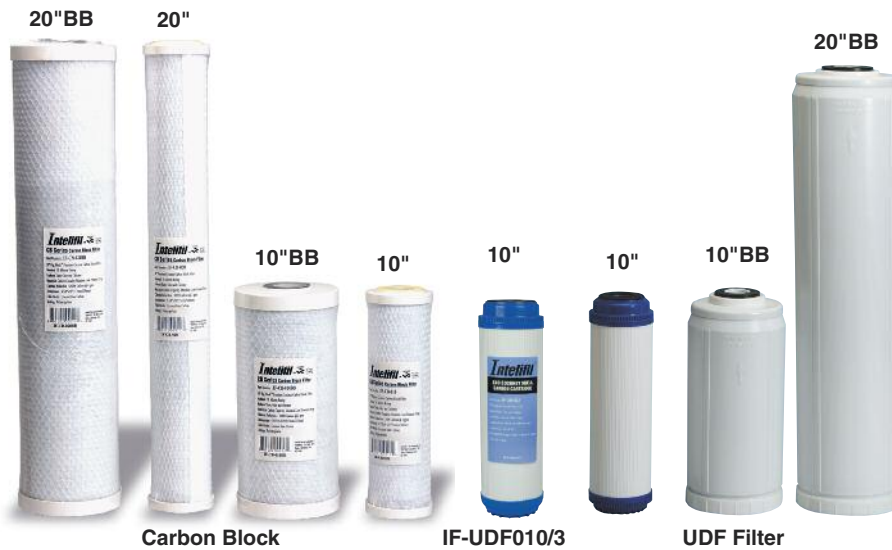
Part Number	Cross Ref. No.	Description	No./Case
POU-200600		5 Micron Spun Bonded Polypropylene Sediment Prefilter	25
POU-200601		3000 Gal Compression Molded Carbon Block Filter 10-micron	25

Culligan® (compatible series)

Part Number	Cross Ref. No.	Description	No./Case
POU-200610		5 Micron Spun Bonded Polypropylene Sediment Prefilter	25
POU-200611		3000 Gal Compression Molded Carbon Block Filter 10-Micron	25

Intelifil® Activated Carbon Filter Cartridges

Carbon Block & GAC.



Carbon block cartridges

Part Number	Length	O.D.	Type	Micron	Capacity (Gals)	No./Case
IF-CB-010	9¾"	2½"	Std.	10	3,000	20
IF-CB-020	20"	2½"	Std.	10	6,000	15
IF-CB-010BB	9¾"	4½"	Big-Blue	10	10,000	8
IF-CB-020BB	20"	4½"	Big-Blue	10	20,000	4

GAC cartridges

Part Number	Length	O.D.	Type	Carbon Type	Capacity (Gals)	No./Case
IF-UDF010/3	9¾"	2½"	Std.	Coconut Shell	2,000	25
FI-UDF010	9¾"	2½"	Std.	Coconut Shell	2,000	25
FI-UDF020	20"	2½"	Std.	Coconut Shell	4,000	15
FI-GAC010BB/3	9¾"	4½"	Big-Blue	GAC	10,000	8
FI-GAC020BB/3	20"	4½"	Big-Blue	Big-Blue	20,000	4

Accessories

Part Number	Description	No./Case
FI-ECPAD25	Pad, Separator 2.5" For Empty Cartridge	1
FI-ECPAD45	Pad, Separator 4.5" For Empty Cartridge	1
FH-SPK13FE-01	(545-130000-EP)Gasket 43.2mm Dia. Black For SPk13	1
FH-SPK13FE-02	(545-250000-0300N) Distributor Funnel Pp For SPk13	1
FH-SPK13FE-03	(545-100000-0600N) Seat Disc For SPKBFE	1
FH-SPK13FE-04	(545-500000-SPE)White Sponge 45mmx25mm For SPKBFE	1
FH-SPK13FE-05	(545-580000-NW) Non Woven 42.7mm Dia. For SPKBFE	1

KX[®] Cartridges



Top quality carbon block cartridges, made in the USA.



Matrix CT0/2 carbon block filters – 5 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-CTO010	32-250-125-975	CTO/2	Chlorine Reduction	10"	5 Mic	20
FI-CTO020/2	32-250-125-20	CTO/2	Chlorine Reduction	20"	5 Mic	20
FI-CTO010B	32-425-125-975	CTO/2	Chlorine Reduction	10" BB	5 Mic	9
FI-CTO020B/2	32-425-125-20	CTO/2	Chlorine Reduction	20"BB	5 Mic	9

Matrix +10/2 carbon block filters – 3 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-MX1010	10-250-190-975	Matrikx+10/2	Chlorine Reduction	10"	10 Mic	20
FI-MX1020	10-250-190-20	Matrikx+10/2	Chlorine Reduction	20"	10 Mic	20

Matrix +5 carbon block filters – 2 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-MA5010	02-250-125-975	Matrikx+5	VOC Reduction	10"	2 Mic	20
FI-MA5020	02-250-125-20	Matrikx+5	VOC Reduction	20"	2 Mic	20
FI-MA5010B	02-425-125-975	Matrikx+5	VOC Reduction	10"BB	2 Mic	9
FI-MA5020B	02-425-125-20	Matrikx+5	VOC Reduction	20"BB	2 Mic	9

Matrix +1 carbon block filters – 0.6 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-MA1010	01-250-125-975	Matrikx+1	VOC Reduction	10"	0.6 Mic	20
FI-MA1020	01-250-125-20	Matrikx+1	VOC Reduction	20"	0.6 Mic	20
FI-MA1001B	01-425-125-975	Matrikx+1	VOC Reduction	10"BB	0.6 Mic	9
FI-MA1020B	01-425-125-20	Matrikx+1	VOC Reduction	20"BB	0.6 Mic	9

Matrix +Pb1 carbon block filters – 0.5 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-PB1010	06-250-125-975	Pb1	Lead & Cysts	10"	0.5 Mic	20
FI-PB1020	06-250-125-20	Pb1	Lead & Cysts	20"	0.5 Mic	20
FI-PB1020B	06-425-200-20	Pb1	Lead & Cysts	20"BB	0.5 Mic	9

Matrix +CR1 carbon block filters – 0.5 micron

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-CR1010	19-250-125-975	CR1	Cysts	10"	0.5 Mic	20
FI-CR1020	19-250-125-20	CR1	Cysts	20"	0.5 Mic	20

Matrix +DBF outer sediment filtration wrapped around carbon block

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-DPF010C	53-200-119-975	Dual	High Dirt Load	10"	3 Mic	20

Ceramikx filters – 5 micron spiral wound activated carbon/sediment

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-CERAMZ.ST	20-250-190-975	Ceramikx	E.Coli & Cysts	10"	0.2 Mic	20

Plekk P10 filters – 5 micron spiral wound activated carbon/sediment

Part Number	KX Number	Type	Usage	Size	Micron	No. Case
FI-DPF010KX	P10-250-109-096	Plekk	Chloine & Sediment	10"	5 Mic	20

Pentek® Carbon Filters

Standard Carbon Filters 5"

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-GAC005.A	155110-03	GAC-5 Granular Activated Carbon		5"	24
FI-C2005	155022-43	C2 Activated Carbon-Impregnated Cellulose		5"	24

Standard Carbon Filters 10"

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-CTO010.E	155634-43	EPM-10 Carbon Block	10Mic	10"	12
FI-CBC010	155162-43	CBC-10 Carbon Block	0.5Mic	10"	12
FI-GAC010.AT	155109-43	GAC-10 Granular Activated Carbon		10"	12
FI-C1010	155002-43	C1 Activated Carbon-Impregnated	5 Mic	10"	24
FI-CCBC010	155713-43	CCBC-10 Coconut Carbon Block	1 Mic	10"	12
FI-CC1010	155155-43	CC-10 Coconut GAC		10"	12
FI-SCBC010	155350-43	SCBC-10 Silver-Impregnated Carbon Block	0.5 Mic	10"	12
FI-ALS010A	155131-43	TSGAC-10 Combination Carbon/Phosphate		10"	12
FI-PB1010.A	155268-43	CBR2-10 Carbon Block w/Lead Reduction	0.5Mic	10"	12
FI-NCP010.A	155367-43	NCP-10 Pleated Carbon-Impregnated Polyester	10Mic	10"	24
FI-GAC010	255798-43	GAC Filter		10"	25
FI-GAC010HP	255796-43	GAC Filter High Performance White Cap		10"	25

Standard Carbon Filters 20"

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-CBC020	155309-43	CBC-20 Carbon Block	0.5Mic	20"	6
FI-GAC020.A	155111-43	GAC-20 Granular Activated Carbon		20"	6
FI-NCP020.A	155397-43	NCP-20 Pleated Carbon-Impregnated Cell	10Mic	20"	14
FI-CTO020.E	155635-43	EPM-20 Carbon Block 10Mic		20"	6
FI-C1020	155597-43	C1-20 Activated Carbon-Impregnated	5Mic	20"	14
FI-GAC020HP	155138-43	Carbon Filter Coconut Shell High Performance		20"	6

Big Blue Carbon Filters 10"

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-GAC010BB	155153-43	GAC-BB Granular Activated Carbon		10" BB	8
FI-CTO010B.A	155170-43	CBC-BB Carbon Briquette	0.5	10" BB	4
FI-EP010B	155548-43	EP-BB Carbon Briquette	5	10" BB	4
FI-CTO010.EB	155782-43	EPM-BB Carbon Block	10	10" BB	4
FI-RFC010B.A	155141-43	RFC-BB Radial-Flow Carbon	25	10" BB	8
FI-NCP010B.A	155398-43	NCP-BB Pleated Carbon-Impreg Polypropylene	10	10" BB	8

Big Blue Carbon Filters 20"

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-RFC020B.A	155247-43	RFC20-BB Radial-Flow Carbon	25	20" BB	6
FI-NCP020B.A	155382-43	NCP-20BB Pleated Carbon-Impreg Polypropylene	10	20" BB	6
FI-RFF020B	155263-03	RFFE20-BB Radial-Flow Iron Reduction		20" BB	4
FI-GAC020BB	155249-43	GAC20-BB Granular Activated Carbon		20" BB	4
FI-CTO020B.A	155583-43	EP-20BB Carbon Block	5	20" BB	4
FI-CBC020B	155312-43	CBC20-BB Carbon Block	0.5	20" BB	6

GAC filter cartridges

Full line, including standard GAC and GAC with KDF.



GAC cartridge specifications

Media	Water washed coconut shell activated carbon
Cartridge body	NSF listed polypropylene
Minimum / maximum working pressure	20 psi / 125 psi
Minimum / maximum temperature	40° F / 100° F (4° C / 38°C)
Maximum flow rate	1 GPM, std. 9-3/4"; 3 GPM, 4.5"x9-3/4"; 5 GPM 4.5"x20"

Watts® GAC cartridge (granular coconut carbon)

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
WGAC-975	Coconut shell	2-3/4"	9-3/4"	2,500	20
WGAC-20	Coconut shell	2-3/4"	20"	5,000	15

Water washed coconut shell granular activated carbon cartridges (GAC)

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
GAC10N	GAC	2-3/4"	9-3/4"	2,500	24
GAC20NRW	GAC	2-3/4"	20"	5,000	24
GAC-BB10	GAC	4-1/2"	9-3/4"	7,500	8
GAC-BB20	GAC	4-1/2"	20"	15,000	4

GAC + KDF 55 for longer life and enhanced performance for municipal water

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
GAC10N/KDF	GAC + KDF55	2-3/4"	9-3/4"	4,000	24
GAC-BB20K/1800	GAC + KDF55	4-1/2"	20"	20,000	4
GAC-BB10K/900	GAC + KDF55	4-1/2"	10"	10,000	8

GAC + KDF85 for longer life and enhanced performance for well water

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
FPKDF85-975	GAC + KDF 85	2-3/4"	9-3/4"	4,000	24
FPKDF85-BB-20	GAC + KDF 85	4-1/2"	20"	20,000	4

Specialty Media Cartridges



Each filter is individually wrapped with color label and boxed.

9³/₄" X 2¹/₂"

Part Number	Media	Function	Capacity	No./Case
IF-SM-AA010	Activated Alumina	Fluoride reduction	4,500 mg/L	1
IF-SM-CC010	Calcite	Increase pH	5,000 Gal.	1
IF-SM-CG010	Catalytic GAC	Chloramine/hydrogen sulfide reduction	1,500 Gal.	1
IF-SM-DI010	Mixed Bed DI	Demineralization (to lower TDS)	5,000 mg/L	1
IF-SM-DI010C	DI Color Indicator	Demineralization (to lower TDS)	5,000 mg/L	1
IF-SM-GAC010	Coconut Carbon Cartridge	Chlorine taste and odor		1
IF-SM-KDF010	1 LB KDF-55/GAC	Chlorine reduction (city water)	15,000 Gal.	1
IF-SM-KDF010K	5 LB KDF-55	Chlorine reduction (city water)	60,000 Gal.	1
IF-SM-KDF85010	1 LB KDF-85/GAC	Chlorine reduction (well water)	10,000 Gal.	1
IF-SM-KDF850102	2 LB KDF-85/GAC	Chlorine reduction (well water)	20,000 Gal.	1
IF-SM-NIT010	Nitrate Removal	Nitrate reduction	5,000 mg/L	1
IF-SM-SCI010	Polyphosphate	Scale prevention	25,000 Gal.	1
IF-SM-SCIG010	Polyphosphate/GAC	Scale prevention; chlorine	2,000 Gal.	1
IF-SM-WS010	Softening	Hardness reduction	19,000 mg/L	1

20" X 2¹/₂"

Part Number	Media	Function	Capacity	No./Case
IF-SM-AA020	Activated Alumina	Fluoride reduction	10,000 mg/L	1
IF-SM-CC020	Calcite	Increase pH	10,000 Gal.	1
IF-SM-CG020	Catalytic GAC	Chloramine/hydrogen sulfide reduction	10,000 Gal.	1
IF-SM-DI020	Mixed Bed DI	Demineralization (to lower TDS)	11,000 mg/L	1
IF-SM-GAC020	Coconut Carbon Cartridge	Chlorine taste and odor		1
IF-SM-KDF020	2 LB KDF-55/GAC	Chlorine reduction (city water)	30,000 Gal.	1
IF-SM-KDF85020	2 LB KDF-85/GAC	Chlorine reduction (well water)	20,000 Gal.	1
IF-SM-KDF850203	3 LB KDF-85/GAC	Chlorine reduction (well water)	30,000 Gal.	1
IF-SM-NIT020	Nitrate Removal	Nitrate reduction	11,000 mg/L	1
IF-SM-SCI020	Polyphosphate	Scale prevention	60,000 Gal.	1
IF-SM-SCIG020	Polyphosphate/GAC	Scale prevention; chlorine	4,500 Gal.	1
IF-SM-WS020	Softening	Hardness reduction	42,000 mg/L	1

Big-Blue Specialty Media Cartridges



Description

CODE	MEDIA	FUNCTION
AA:	Activated Alumina	Fluoride reduction
CC:	Calcium Carbonate	Increase pH
CG:	Catalytic Carbon	Chloramine/hydrogen sulfide reduction
DI:	Mixed bed deionization	Demineralization (to lower TDS)
DIC:	Mixed bed DI with color indication	Demineralization (to lower TDS)
KDF:	KDF 55 mixed copper & zinc/GAC	Chlorine reduction (city water)
KDF:	KDF 85 mixed copper & zinc/GAC	Chlorine, iron reduction (well water)
NIT:	Anion Resin	Nitrate reduction
SCI:	Polyphosphate	Scale prevention
SCIG:	Polyphosphate/GAC	Scale prevention; chlorine
WS:	Cation Resin	Hardness reduction

9¾" X 4½"

Part Number	Media	Capacity	No/Case
IF-SM-AA010B	Activated Alumina	11,000 mg/L	1
IF-SM-CC010B	Calcite	12,000 Gal.	1
IF-SM-CG010B	Catalytic GAC	3,500 Gal.	1
IF-SM-DI010B	Mixed Bed DI	12,000 mg/L	1
IF-SM-GAC010B	Coconut Carbon Cartridge	7,500 Gal.	1
IF-SM-KDF010B	2 LB KDF-55/GAC	30,000 Gal.	1
IF-SM-KDF010B5	5 LB KDF-55	60,000 Gal.	1
IF-SM-KDF85010B	2 LB KDF-85/GAC	20,000 Gal.	1
IF-SM-NIT010B	Nitrate Removal	12,000 mg/L	1
IF-SM-SCI010B	Polyphosphate	60,000 Gal.	1
IF-SM-SCIG010B	Polyphosphate	5,000 Gal.	1
IF-SM-WS010B	Softening	47,000 mg/L	1

20" X 4½"

Part Number	Media	Capacity	No/Case
IF-SM-AA020B	Activated Alumina	23,000 mg/L	1
IF-SM-CC020B	Calcite	24,000 Gal.	1
IF-SM-CG020B	Catalytic GAC	8,000 Gal.	1
IF-SM-DI020B	Mixed Bed DI	25,000 mg/L	1
IF-SM-GAC020B	Coconut Carbon Cartridge	15,000 Gal.	1
IF-SM-KDF020B	4 LB KDF-55/GAC	60,000 Gal.	1
IF-SM-KDF85020B	4 LB KDF-85/GAC	40,000 Gal.	1
IF-SM-NIT020B	Nitrate Removal	25,000 mg/L	1
IF-SM-SCI020B	Polyphosphate	120,000 Gal.	1
IF-SM-SCIG020B	Polyphosphate/GAC	12,000 Gal.	1
IF-SM-WS020B	Softening	98,000 mg/L	1

NOTE: Custom media and private label cartridges are available.

Pentek® Specialty Filters



Specialty Filters

TGI Part Number	Pentek Part No.	Description	Length	No./Case
FI-ALS010	255799-43	Carbon & Phosphate Filter	10"	25
FI-KDF10EX1	255800-43	Sediment/1 Lb. KDF GAC	10"	12
FI-CBU010	155271-43	CBU-10 UV System Replace Cartridge	x	24
FI-DI4010.A	155273-03	PDF1-10MB DI Mix Bed Clear Housing	10"	6
FI-DI4020B	155281-03	BBF1-20MB FDA DI Resin	20" BB	4
FI-IC101	155656-06	IC-101L Ice Maker Filter Bulk	x	48
FI-OAC020BB	155596-03	OAC-20BB Oil Adsorbing Filter	20" BB	6
FI-WS10	155319-03	WS-10 Softener Resin Cartridge	10"	6
FI-WS20	155320-03	WS-20 Softener Resin Cartridge	20"	6
FI-WS20BB	155321-03	WS20-BB Softener Cartridge	20" BB	4

Filter Bags

TGI Part Number	Pentek Part No.	Description	Micron	Length	No./Case
FI-BP-410-1	155383-03	BP-410-1 Filter Bag Polypropylene Felt	1	10"	20
FI-BP-410-5	155385-03	BP-410-5 Filter Bag Polypropylene Felt	5	10"	20
FI-BP-410-25	155389-03	BP-410-25 Filter Bag Polypropylene Felt	25	10"	20
FI-BP-420-5	155386-03	BP-420-5 Filter Bag Polypropylene Felt	5	20"	20
FI-BP-420-25	155390-03	BP-420-25 Filter Bag Polypropylene Felt	25	20"	20

Intelifil® In-Line Filters



Intelifil Inline Filters

2" x 6"

Part Number	Size	Media Type	Capacity	Pipe Size	No/Case
POU-200400	2"x6"	Coconut shell GAC	1500 Gal	1/4" FPT	25
POU-200402	2"x6"	.25lb KDF-55/GAC	2500 Gal	1/4" FPT	25
POU-200404	2"x6"	1oz Polyphosphate/GAC	750 Gal	1/4" FPT	25

2" x 10" Coconut shell GAC

Part Number	Size	Media Type	Capacity	Pipe Size	No/Case
POU-200410	2"x10"	Coconut shell GAC NSF	3000 Gal	1/4" FPT	25
POU-200411	2"x10"	Coconut shell GAC NSF	3000 Gal	1/4" FQC	25

2" x 10" Sediment

Part Number	Size	Media Type	Capacity	Pipe Size	No/Case
POU-200412	2"x10"	Sediment Inline NSF	5 Micron	1/4" FPT	25
POU-200413	2"x10"	Sediment Inline NSF	5 Micron	1/4" FQC	25

2" x 10" Scale control

Part Number	Size	Media Type	Capacity	Pipe Size	No/Case
POU-200414	2"x10"	2oz Polyphosphate/GAC	1500 Gal	1/4" FPT	25
POU-200415	2"x10"	2oz Polyphosphate/GAC	1500 Gal	1/4" FQC	25
POU-200416	2"x10"	8oz Polyphosphate/GAC	1000 Gal	1/4" FPT	25
POU-200417	2"x10"	8oz Polyphosphate/GAC	1000 Gal	1/4" FQC	25
POU-200418	2"x10"	16oz Polyphosphate	6 Months	1/4" FPT	25
POU-200419	2"x10"	16oz Polyphosphate	6 Months	1/4" FQC	25
POU-200420	2"x10"	2oz Polyphosphate/.50lb. KDF-55/GAC	6000 Gal	1/4" FPT	25
POU-200421	2"x10"	2oz Polyphosphate/.50lb. KDF-55/GAC	6000 Gal	1/4" FQC	25
POU-200424	2"x10"	Cation Softening Resin	6500 mg/L	1/4" FPT	25
POU-200423	2"x10"	Cation Softening Resin	6500 mg/L	1/4" FQC	25

Intelifil® In-Line Filters

2" x 10" KDF55

Part Number	Size	Media Type	Capacity	Pipe Size	No./Case
POU-200424	2"x10"	.25lb KDF-55/GAC	4500 Gal	1/4" FPT	25
POU-200425	2"x10"	.25lb KDF-55/GAC	4500 Gal	1/4" FQC	25
POU-200426	2"x10"	.50lb KDF-55/GAC	9000 Gal	1/4" FPT	25
POU-200427	2"x10"	.50lb KDF-55/GAC	9000 Gal	1/4" FQC	25
POU-200428	2"x10"	.75lb KDF-55/GAC	13000 Gal	1/4" FPT	15
POU-200429	2"x10"	.75lb KDF-55/GAC	13000 Gal	1/4" FQC	15
POU-200430	2"x10"	1.0lb KDF-55/GAC	17500 Gal	1/4" FPT	15
POU-200431	2"x10"	1.0lb KDF-55/GAC	17500 Gal	1/4" FQC	15

2" x 10" Remineralization

Part Number	Size	Media Type	Capacity	Pipe Size	No./Case
POU-200432	2"x10"	Calcite/GAC Inline	1500 Gal	1/4" FPT	25
POU-200433	2"x10"	Calcite/GAC Inline	1500 Gal	1/4" FQC	25

2" X 10" compression molded carbon block

Part Number	Size	Media Type	Capacity	Pipe Size	No./Case
POU-200434	2"x10"	5 Micron	3000 Gal	1/4" FPT	25
POU-200435	2"x10"	5 Micron	3000 Gal	1/4" FQC	25
POU-200436	2"x10"	1 Micron	3000 Gal	1/4" FPT	25
POU-200437	2"x10"	1 Micron	3000 Gal	1/4" FQC	25
POU-200438	2"x10"	1 Micron w/Lead	1250 Gal	1/4" FPT	25
POU-200439	2"x10"	1 Micron w/Lead	1250 Gal	1/4" FJG	25

2" x 10" Silver impregnated coconut shell GAC

Part Number	Size	Media Type	Capacity	Pipe Size	No./Case
POU-200440	2"x10"	0.002 SIC	3000 Gal	1/4" FPT	25
POU-200441	2"x10"	0.002 SIC	3000 Gal	1/4" FQC	25
POU-200442	2"x10"	0.002 SIC/.50lb KDF-55	9000 Gal	1/4" FPT	25
POU-200443	2"x10"	0.002 SIC/.50lb KDF-55	9000 Gal	1/4" FQC	25

Mixed bed DI resin-semi conductor grade

Part Number	Size	Media Type	Capacity	Pipe Size	No./Case
POU-200444	2"x10"	Mixed Bed DI Resin	1700 mg/L	1/4" FPT	25
POU-200445	2"x10"	Mixed Bed DI Resin	1700 mg/L	1/4" FQC	25
POU-200446	2"x10"	Color Changing DI Resin	1700 mg/L	1/4" FPT	25
POU-200447	2"x10"	Color Changing DI Resin	1700 mg/L	1/4" FQC	25

In-Line Filters

In-line filters for reverse osmosis systems, ice makers and other water treatment needs.



In-line filters

For pre & post RO and ice maker filtration.

- AICRO® (our best selling in-line filter)
- AICRO-JGK* (With J. Guest fittings.)

* Coconut shell activated carbon. Rated for flow rates to 0.75. GPM and 1,500 gallons capacity



CERTIFIED
ANSI / NSF
STANDARD 42
(AICRO)

GAC

Part Number	O.D.	Length	Media	Type	Fitting Size	Fitting Type	No./Case
CL10STT33	2"	10"	GAC	With mesh pre-filter	1/4"	FNPT	25

Coconut shell GAC

Part Number	O.D.	Length	Media	Type	Fitting Size	Fitting Type	No./Case
AICRO	2"	10"	GAC	Coconut shell	1/4"	FNPT	25
AICRO-JGK	2"	10"	GAC	Coconut shell	1/4"	Quick ct	25
K2533SS	2"	10"	GAC	Coconut shell	1/4"	JG Elbow	25
CL6ROT33	2"	6"	GAC	Acid wash coconut shell	1/4"	FNPT	25
CL10ROT33	2"	10"	GAC	Acid wash coconut shell	1/4"	FNPT	25
K2333JJ	2"	6"	GAC	Acid wash coconut shell	1/4"	J. Guest	25
K2533JJ	2"	10"	GAC	Acid wash coconut shell	1/4"	J. Guest	25
K2633JJ	2.5"	12"	GAC	Acid wash coconut shell	1/4"	J. Guest	25
GS6ROB	2"	6"	GAC	Coconut shell	1/4"	FNPT	25
GS10ROB	2"	10"	GAC	Coconut shell	1/4"	FNPT	25

GAC with phosphate for scale reduction

Part Number	O.D.	Length	Media	Type	Fitting Size	Fitting Type	No./Case
SCL6	2"	6"	GAC	Phosphate	1/4"	FNPT	50
SCL10	2"	10"	GAC	Phosphate	1/4"	FNPT	25
K2386JJ	2"	6"	GAC	Phosphate	1/4"	J. Guest	25

In-line filters with GAC and Calcite to raise TDS

Part Number	O.D.	Length	Media	Type	Fitting Size	Fitting Type	No./Case
GS10CAL/ROB	2"	10"	GAC	With Calcite	1/4"	FNPT	25

In-line filters for sediment

Part Number	O.D.	Length	Media	Type	Fitting Size	Fitting Type	No./Case
AIPRO	2"	10"	PP SPUN	5	1/4"	FNPT	25
CL10PF5	2"	10"	PP SPUN	5	1/4"	FNPT	25
K2505JJ	2"	10"	PP SPUN	5	1/4"	J. Guest	25
K5605JJ	2"	12"	PP SPUN	5	1/4"	J. Guest	25

Warning: Do not use filters listed in this section with water that is microbiologically unsafe or unknown quality without proper disinfection before or after the filter.

Omnipure® Filters



*"The best inline water filter
...pure and simple."*

CL Series

OMB Series carbon block cartridges

Part Number	Omni Number	Size	Micron	Type	No./Case
FI-CTO010.A	OMB934-10M	9-3/4"	10 Mic	Carbon Block	20
FI-CTO010.B	OMB934-1	9-3/4"	1 Mic	Carbon Block	20
FI-PB1010.O	OMB934-1MPb	9-3/4"	1 Mic	Lead Reduction	20

CL Series in-line filters

Part Number	Omni Number	Type	Size	Pipe Size	No./Case
FI-CBA006	CL6ROT33	GAC	2"X6"	1/4" NPT	50
FI-CBA010	CL10ROT33	GAC	2"x10"	1/4" NPT	25
FI-CBA010.38	CL10RO3/8T33-C	GAC	2"x10"	3/8" NPT	25
FI-CBA010T40	CL10ROT40	GAC	2"X10"	1/4" NPT	25
FI-SED010	CL10PF5	Sediment	2"x10"	1/4" NPT	25

K Series 1 micron carbon block in-line filters

Part Number	Omni Number	Type	Size	Pipe Size	No./Case
FI-K2520JJ	K2520JJ	Carbon	2"x10"	1/4" JG	25
FI-K2520BB	K2520BB	GAC	2"X10"	1/4" NPT	25
FI-CTO008	K5420BB	CTO	2.5"X8"	1/4" NPT	25
FI-K5520SS	K5520SS	Carbon	2.5"x10"	1/4" JG 90	25
FI-CTO014	K5720BB	CTO	2.5"X14"	1/4" NPT	25

K Series GAC in-line filters 20 x 50 mesh

Part Number	Omni Number	Type	Size	Pipe Size	No./Case
FI-K2328TS	K2328TS	GAC	2"x6"	1/4" JG Tee	25
FI-K2528CC	K2528CC	GAC	2"x10"	3/8" NPT	25
FI-K2528JJ	K2528JJ	GAC	2"X10"	3/8" JG	25
FI-K2528SS	K2528SS	GAC	2"X10"	1/4" JG 90	25
FI-CBA008-28	K5428BB	GAC	2.5"X8"	1/4" NPT	25
FI-K5528BB	K5528BB	GAC	2.5"x10"	1/4" NPT	25
FI-K5628BB	K5628BB	GAC	2.5"x12"	1/4" NPT	25
FI-K5628SS	K5628SS	GAC	2.5"x12"	1/4" JG 90	25

Omnipure® In-Line Filters



K Series

K Series washed granular activated carbon 12 X 40 mesh

Part Number	Omni Number	Type	Size	Pipe Size	Fitting	No./Case
FI-CBA006J	K2333JJ	GAC	2"x6"	1/4"	JG Straight	50
FI-CBA006J38	K2333KK	GAC	2"x6"	3/8"	JG Straight	50
FI-CBA006JSO	K2333JJ-SO	GAC	2"x6"	1/4"	JG Straight	50
FI-CBA006S	K2333SS	GAC	2"x6"	1/4"	JG 90°	50
FI-CBA010A	K2533A	GAC	2"x10"	1/8"	NPT	25
FI-CBA010J	K2533JJ	GAC	2"x10"	1/4"	JG Straight	25
FI-CBA010J.38	K2533KK3/8"		2"x10"	3/8"	JG Straight	25
FI-K2533KK	K2533KK	GAC	2"x10"	3/8"	JG Straight	25
FI-CBA010S	K25355 TGI LABEL	GAC	2"x10"	1/4"	JG 90°	25
FI-K2533SS	K2533SS	GAC	2"x10"	1/4"	JG 90°	25
FI-CBA010TS	K2533TS	GAC	2"x10"	1/4"	JG 90°	25
FI-CBA008	K5433BB	GAC	2.5"x8"	1/4"	NPT	25
FI-CBA008J	K5433JJ	Carbon	2.5"x8"	1/4"	JG Straight	25
FI-CBA012	K5633BB	GAC	2.5"x12"	1/4"	NPT	25
FI-CBA012J	K5633JJ	GAC	2.5"x12"	1/4"	JG Straight	25
FI-CBA012S	K5633SS	GAC	2.5"x12"	1/4"	JG 90°	25
FI-CBA012TS	K5633TS	GAC	2.5"x12"	1/4"	JG 90°	25
FI-CBA014J	K5733JJ	GAC	2.5"x14"	1/4"	JG Straight	25

Block GAC 10 micron

Part Number	Omni Number	Type	Size	Micron	Pipe Size	No./Case
FI-K5521JJ	K5521JJ	Carbon	2.5"x10"	10Mic	1/4" JG	25
FI-CTO012I	K5621BB	CTO	2.5"x12"	10Mic	1/4" NPT	25
FI-CTO012S	K5621SS	CTO	2.5"x12"	10Mic	1/4" JG 90°	25

Block GAC 1 micron with lead specific media

Part Number	Omni Number	Type	Size	Micron	Pipe Size	No./Case
FI-PB1010-I	K5515BB	Lead	2.5"x10"	1Mic	1/4" NPT	25
FI-PB1010J	K5515JJ	Lead	2"x10"	1Mic	1/4" JG	25
FI-PB1010S	K5515SS	Lead	2.5"x10"	1Mic	1/4" JG 90°	25

In-Line Filters



In-line filters with permanent heads

Ideal for beverage and food service applications with E-Z cartridge replacement.

Heads

Permanent heads with and without valve.



Heads

Part Number	Description	Fitting Size	Fitting Type	No. / Case
QHEAD	Head without valve	1/4"	FNPT	25

Replacable elements for permanent heads listed above.

Part Number	O.D.	Length	Media	Micron	Fitting Size	Fitting Type	No. / Case
Q5515	2.5"	10"	Carbon block	1 (lead reduction)	1/4"	FNPT	25
Q5633	2.5"	12"	Acid washed	5	1/4"	FNPT	25
Q5605	2.5"	12"	Acid washed	5	1/4"	FNPT	25

Warning: Do not use filters listed in this section with water that is microbiologically unsafe or unknown quality without proper disinfection before or after the filter.



Iron reduction cartridge specifications

Reduction for	Ferrous iron (dissolved), up to 3 ppm
Capacity	25,000 gals (3 ppm); 40,000 gals. (2 ppm); 80,000 gals. (1 ppm)
Design flow rate	4 - 6 GPM
Maximum temperature	100°F (38°C)
Minimum temperature	40°F (5°C)
Maximum pressure	125 PSI (8.6 bar)
Minimum pressure	20 PSI (1.4 bar)

Recommended water quality:
 pH, >7.0 Silica, <100 ppm; Man-
 ganese, <1 ppm; Iron, <3 ppm;
 Iron Bacteria, none; Hydrogen
 Sulfide, none.

Iron reduction cartridge for whole house to remove dissolved iron, metallic taste & stains from plumbing fixtures.

Part Number	O.D.	Length	Description	Flow Rate (GPM)	No. Case
FPIR-BB-20	4-1/2"	20"	Radial flow iron reduction cartridge	4 - 6	6

Note: Flow rates are for sufficient contact time and are indicated in GPM, per cartridge. Users should base actual flow rates on water quality, throughput requirements and performance criteria.

Warning: Do not use cartridges listed in this section with water that is microbiologically unsafe or unknown quality without proper disinfection before or after the cartridge.

Replacements



Puro Smart RO system and replacement parts

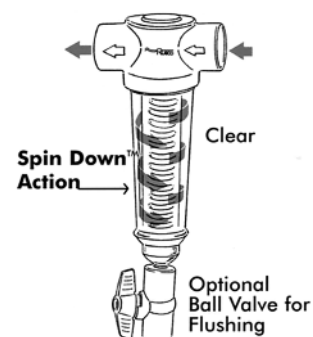
Part Number	Mfg Part No.	Description	No./Case
PURO-15	x	Puro Smart Portable RO Countertop 15GPD	1
PURO-15-CB	502025	3 Pack Carbon Blocks w/Sump O-Ring	12
PURO-15-MM	502026	TFC Membrane 15GPD w/Sump O-Ring	12

Clack RO system and OEM replacement parts

Part Number	Mfg Part No.	Description	No./Case
FI-S-7011	S7011	Clack Sediment Filter 11.52" O-Ring	24
FI-S-7025	S7025	Clack GAC Post Carbon Filter 11.52" O-Ring	24
FI-S-7028	S7028	Clack Carbon Block Filter 11.52" O-Ring	24
FI-S-7206W	S7206W	Clack Inline GAC Filter 2"X6" White	25
FI-S-1224RS	S1224RS	Clack Membrane CTA 14 GPD	25
FI-S-1226RS	S1226RS	Clack Membrane TFC 24 GPD	25
FI-S-1227RS	S1227RS	Clack Membrane TFC 25 GPD	25
FI-S-1229RS	S1229RS	Clack Membrane TFC 50 GPD	25

Rusco Filters Spin-Down Polyester Filters with Flush Valves

Part Number	Description	No./Case
FI-1-100-F	(1-100-F)Rusco 1" Spin-Down Polyester Filter 100 Mesh	1
FI-1-500-F	(1-500-F)Rusco 1" Spin-Down Polyester Filter 500 Mesh	1
FI-112-100-F	(1-1/2-100-F)Rusco 1.5" Spin-Down Polyester Filter 100 Mesh	1
FI-112-500-F	(1-1/2-500-F)Rusco 1.5" Spin-Down Polyester Filter 500 Mesh	1



In-Line Filters



Aftermarket replacement cartridges

Part Number	Media	Description	Replacement For	No. Per Case
RS-21-SED5	Polypropylene	5µ Spun bonded SED.	Clack	25
RS-21-CB5	Carbon block	5µ Carbon block	Clack	25
RS-22-SED5	Polypropylene	5µ Spun bonded SED.	Hydrotech	25
RS-22-CB5	Carbon block	5µ Carbon block	Hydrotech	25
RS-23-SED5	Polypropylene	5µ Spun bonded SED.	Culligan	25
RS-23-CB5	Carbon Block	5µ Carbon block	Culligan	25



Everpure® type replacement elements

Part Number	Micron	Description	Replacement For	No. / Case
E5720-P	1	Block, phosphate	H-200	20
E5620	1	Carbon block	S-100	20

Flowmatic® Empty Refillable Canisters

Plastic refillable canisters for activated carbon and other filter media for water treatment.

Refillable canisters for granular media

Plastic refillable canisters for activated carbon and other granular filter media. Low cost and reusable! Made using FDA grade polypropylene. Available in white and clear.



Refillable canisters for granular filter media

Part Number	Length	OD	Color	Volume (ml)	Volume (cu. in.)	No. Per Case
RC-C-975	9-3/4"	2-1/2"	Clear	803	49	24
RC-W-975	9-3/4"	2-1/2"	White	803	49	24
RC-C-20	20"	2-1/2"	Clear	1,786	109	24
RC-W-20	20"	2-1/2"	White	1,786	109	24
RC-C-BB-975	9-3/4"	4-1/2"	Clear	2,130	130	8
RC-W-BB-975	9-3/4"	4-1/2"	White	2,130	130	8
RC-C-BB-20	20"	4-1/2"	Clear	4,572	279	4
RC-W-BB-20	20"	4-1/2"	White	4,572	279	4



Doulton® brand ceramic filters

Cleanable Doulton self-sterilizing elements can be used over and over to reduce filtration costs. Capable of removing 99.99% of suspended solids and 100% of Cryptosporidium, Giardia Lamblia cysts and bacteria. Designed to comply with the most stringent potable water standards.

- Cleanable
- Self-sterilizing
- Can be used over and over, reducing cost
- Capable of removing 99.99% of suspended solids and 100% of Cryptosporidium, Giardia Cysts, and bacteria.

Part Number	Size	Model	No. Per Case
DS-1000	1/4" BSP thread	SterasyI	25
DSS-1000	1/4" BSP thread	Super SterasyI	25
DUC-1000	1/4" BSP thread	Ultra Carbon	25
DS-OBE	Double open ends	SterasyI	25
DSC-OBE	Double open ends	Super Carbon	25
DUC-OBE	Double open ends	Ultra Carbon	25

Flow-Max® Pleated Filter Cartridges

Greater surface area for longer life and reduced filtration costs.

Flow-Max filter cartridges outperform wound, spun, melt blown, resin bonded and other "depth" type filter elements because our cartridges are pleated to provide increased surface area and longer life.

Lower pressure drop is another significant advantage, using Flow-Max pleated cartridges, which allows for increased flow rates and the use of smaller filter housings to reduce capital equipment costs.

Further savings are provided because our 100% synthetic filter media is cleanable, five micron and up, to lower cartridge replacement costs.



Flow-Max filter cartridges outperform other pleated elements because our high-performance filter media is systematically produced using 100% synthetic fibers, with no binders or additives to leave a residue, foam or contaminate.

Our filter media is dramatically thicker than other products. For this reason, Flow-Max cartridges provide "depth" filtration for greater sediment removal, along with more surface area with our pleated design.

A multi-ply laminate is used with our sub and one micron absolute grades for longer life and greater solids removal. (See right.)



Features

Filter media is pleated for greater surface area.

Synthetic filter media is cellulose-free.

"Thicker" filter media has a greater capacity to capture and retain particles, compared to thin, more rigid media types, which have less void space for particle retention.

One micron absolute and 0.35 media use a multi-ply laminate for superior performance.

Long lengths have netting to hold pleats in place.

All cartridge types and lengths are wrapped.

Full product line (types, lengths & micron ratings).

Benefits

Low pressure drop; long life; reduced filtration costs, compared to wound and spun cartridges.

No additives or binders, which may cause foaming.

Increased dirt holding capacity; longer life; fewer cartridge replacements needed; and reduced filtration costs, compared to other pleated cartridge suppliers.

Increased particle removal efficiency; longer life; and reduced cost per gallon filtered.

Superior performance and appearance.

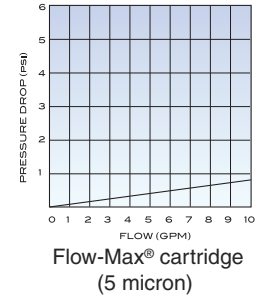
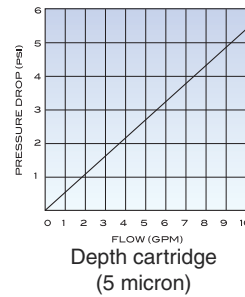
Provides security at no additional cost.

Greater selection from your single source supplier!

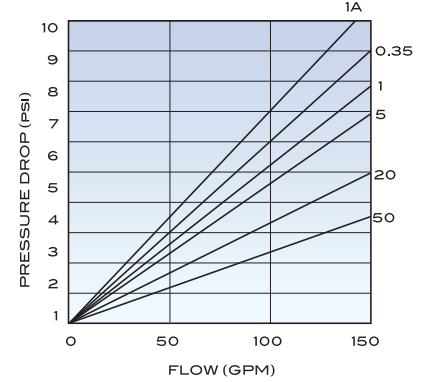
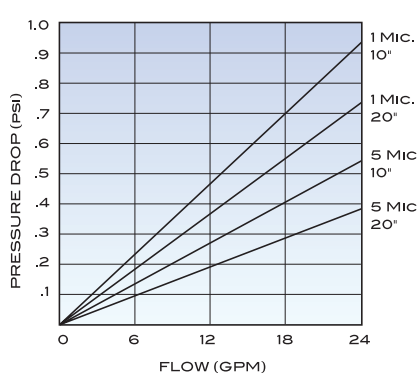
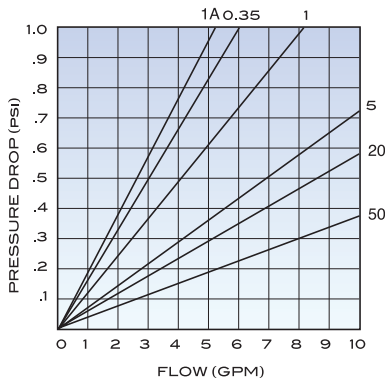
Flow-Max® cartridges cost less to use . . . regardless what they cost to buy!

Lower pressure drop for higher flow rates

Flow-Max® cartridges are pleated, so initial pressure drop is significantly less compared to depth cartridges, such as a wound, spun, melt blown and resin bonded. As a result, higher flow rates are possible, reducing filter housing size requirements to lower capital equipment costs.



Use the pressure drop charts shown below to help determine the ideal flow rate for your particular application:



Note: Pressure drop data shown above include filter housing and cartridge.

Flow rates

Maximum flow rate guidelines for Flow-Max cartridges are shown below:

Micron Rating	Maximum Flow Rates Per Cartridge (GPM)							
	Standard Cartridge			10" Full-Flow	20" Full-Flow	Jumbo Cartridge		
	9-3/4"	20"	29-1/4"			40	90	170
1 Absolute	3	6	9	8	12	20	40	80
0.35 Micron	4	8	12	9	13	25	50	100
1 Micron	4	8	12	10	15	30	60	120
5 Micron	7	14	21	15	25	50	100	150
20 Micron	8	16	24	15	25	50	100	150
50 Micron	10	20	30	15	25	50	100	150

Note: Filter housing selection should also be considered when flow rate per cartridge is determined.



Washable & reusable

Flow-Max® cartridges are washable and reusable, five micron and up to reduce filtration costs. For best results, direct spray into pleats to dislodge sediment. Or, let dry and brush off filter cake from surface of the media.

All Flow-Max® cartridges are individually shrink wrapped for purity



Flow-Max® Pleated Filter Cartridges

Greater surface area for longer life and reduced filtration costs.



Standard 2-3/4" OD x 9-3/4" length

Product Code	Media Type	Micron Rating	Number Per Case
FM-1A-975	Synthetic	1 Absolute	24
FM-0.35-975	Synthetic	0.35	24
FM-1-975	Synthetic	1	24
FM-5-975	Synthetic	5	24
FM-20-975	Synthetic	20	24
FM-50-975	Synthetic	50	24
FM-100-975	Synthetic	100	24

Standard 2-3/4" OD x 19-1/2" length

Product Code	Media Type	Micron Rating	Number Per Case
FM-1-195	Synthetic	1	24
FM-5-195	Synthetic	5	24
FM-20-195	Synthetic	20	24
FM-50-195	Synthetic	50	24

Standard 2-3/4" OD x 20" length

Product Code	Media Type	Micron Rating	Number Per Case
FM-1A-20	Synthetic	1 Absolute	24
FM-0.35-20	Synthetic	0.35	24
FM-1-20	Synthetic	1	24
FM-5-20	Synthetic	5	24
FM-20-20	Synthetic	20	24
FM-50-20	Synthetic	50	24

Standard 2-3/4" OD x 29-1/4" length

Product Code	Media Type	Micron Rating	Number Per Case
FM-1A-2925	Synthetic	1 Absolute	24
FM-0.35-2925	Synthetic	0.35	24
FM-1-2925	Synthetic	1	24
FM-5-2925	Synthetic	5	24
FM-20-2925	Synthetic	20	24
FM-50-2925	Synthetic	50	24

Standard 2-3/4" OD x 40" length

Product Code	Media Type	Micron Rating	Number Per Case
FM-1-40	Synthetic	1	24
FM-5-40	Synthetic	5	24
FM-20-40	Synthetic	20	24
FM-50-40	Synthetic	50	24

Specifications

Filter media	Synthetic (100% cellulose-free)
End caps	Plastisol (PVC)
Center tubes	Polypropylene
Temperature range	40°F - 140°F (4.4°C - 60°C)
Maximum Pressure	40 PSID
Recommended change out	20 - 30 PSID
Flow rate per 10" cartridge	3-10 GPM, depending on micron rating



Flow-Max® Pleated Filter Cartridges

Greater surface area for longer life and reduced filtration costs.



Highly efficient, five ply filter media
Our one micron absolute and 0.35 micron filter cartridges use a five ply filter media for greater efficiency and longer life. They are ideal for surface water filtration to reduce Cryptosporidium and Giardia cysts.

Full-Flow (B-B) 4-1/2" OD x 9-3/4" length

Product Code	Length	Media Type	Micron Rating	Number Per Case
FM-BB-10-1A	9-3/4"	Synthetic	1 Absolute	8
FM-BB-10-0.35	9-3/4"	Synthetic	0.35	8
FM-BB-10-1	9-3/4"	Synthetic	1	8
FM-BB-10-5	9-3/4"	Synthetic	5	8
FM-BB-10-20	9-3/4"	Synthetic	20	8
FM-BB-10-50	9-3/4"	Synthetic	50	8

Note: Cartridges listed above fit in Full-Flow and Big-Blue® filter housings.

Full-Flow (B-B) 4-1/2" OD x 20" length

Product Code	Length	Media Type	Micron Rating	Number Per Case
FM-BB-20-1A	20"	Synthetic	1 Absolute	4
FM-BB-20-0.35	20"	Synthetic	0.35	4
FM-BB-20-1	20"	Synthetic	1	4
FM-BB-20-5	20"	Synthetic	5	4
FM-BB-20-20	20"	Synthetic	20	4
FM-BB-20-50	20"	Synthetic	50	4

Note: Cartridges listed above fit in Full-Flow and Big-Blue® filter housings.

Specifications (synthetic media for sediment)

Maximum temperature	140°F (60°C)	Center tubes	PVC
Minimum temperature	40°F (4.4°C)	End caps	Molded Urethane
Maximum pressure	40 PSID	Maximum flow rate, model 40	50 GPM (12m ³ HR)
Recommended change out	25-30 PSID	Maximum flow rate, model 90	100 GPM (24m ³ HR)
Filter media	PE & PP	Maximum flow rate, model 170	150 GPM (36m ³ HR)

Flow-Max® Jumbo Filter Cartridges

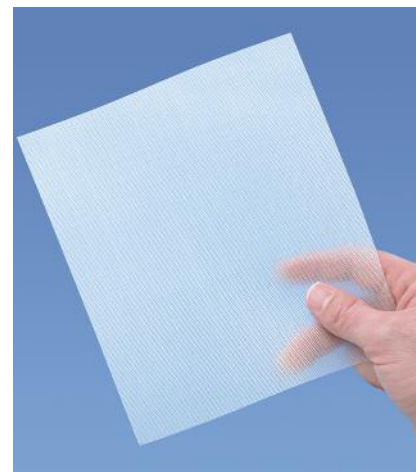
With cellulose-free synthetic and mesh media in a wide range of micron ratings.



Standard Synthetic Media



Flow-Max jumbo filter cartridge



PP Mesh Media

Model 40

Filter Housing Model Number	Micron Rating	Product Code with Synthetic Media	Product Code with Mesh Media	Number Per Case
40	1 Absolute	FMHC-40-1A	N. A.	1
	0.35	FMHC-40-0.35	N. A.	1
	1	FMHC-40-1	N. A.	1
	5	FMHC-40-5	N. A.	1
	20	FMHC-40-20	N. A.	1
	50	FMHC-40-50	FMHC-40-50M	1
	100	FMHC-40-100	N. A.	1
	150	N. A.	FMHC-40-150M	1

Model 90

Filter Housing Model Number	Micron Rating	Product Code with Synthetic Media	Product Code with Mesh Media	Number Per Case
90	1 Absolute	FMHC-90-1A	N. A.	1
	0.35	FMHC-90-0.35	N. A.	1
	1	FMHC-90-1	N. A.	1
	5	FMHC-90-5	N. A.	1
	20	FMHC-90-20	N. A.	1
	50	FMHC-90-50	FMHC-90-50M	1
	100	FMHC-90-100	N. A.	1
	150	N. A.	FMHC-90-150M	1

Model 170

Filter Housing Model Number	Micron Rating	Product Code with Synthetic Media	Product Code with Mesh Media	Number Per Case
170	1 Absolute	FMHC-170-1A	N. A.	1
	0.35	FMHC-170-0.35	N. A.	1
	1	FMHC-170-1	N. A.	1
	5	FMHC-170-5	N. A.	1
	20	FMHC-170-20	N. A.	1
	50	FMHC-170-50	FMHC-170-50M	1
	100	FMHC-170-100	N. A.	1
	150	N. A.	FMHC-170-150M	1

Flow-Max[®] Phenolic Cellulose Cartridges

Ideal for high temperature industrial water and oil filtration.



Specifications

Maximum temperature	250°F (121°C)
Minimum temperature	-20°F (-29°C)
Maximum pressure	70 PSID (482 k PA)
Recommended change out	25 PSID (172 k PA)
End caps, cores, outer body	Electro plated tin
Media	Phenolic impregnated cellulose

Standard 2-1/2" OD x 9-3/4" length with electro tin plated outer body

Part Number	OD	Length	Micron	No. / case
FMPIC-5-975	2-1/2"	9-3/4"	5	30
FMPIC-20-975	2-1/2"	9-3/4"	20	30
FMPIC-50-975	2-1/2"	9-3/4"	50	30

Jumbo Model 40 (7-3/4" x 9-5/8")

Part Number	OD	Length	Micron	No. / case
FMPIC-40-5-HT	7-3/4"	9-5/8"	5	1
FMPIC-40-20-HT	7-3/4"	9-5/8"	20	1
FMPIC-40-50-HT	7-3/4"	9-5/8"	50	1

Jumbo Model 90 (7-3/4" x 19-1/2")

Part Number	OD	Length	Micron	No. / case
FMPIC-90-5-HT	7-3/4"	19-1/2"	5	1
FMPIC-90-20-HT	7-3/4"	19-1/2"	20	1
FMPIC-90-50-HT	7-3/4"	19-1/2"	50	1

Jumbo Model 170 (7-3/4" x 30-3/4")

Part Number	OD	Length	Micron	No. / case
FMPIC-170-5-HT	7-3/4"	30-3/4"	5	1
FMPIC-170-20-HT	7-3/4"	30-3/4"	20	1
FMPIC-170-50-HT	7-3/4"	30-3/4"	50	1

Note: Phenolic impregnated cellulose cartridges are not to be used for potable water. Jumbo cartridges fit in Flow-Max jumbo housings only.

Flow-Max® HP Series Filter Cartridges

High efficiency pleated filter cartridges

Flow-Max HP series filter cartridges are cost effective, disposable, filter elements for a wide range of applications. Flow-Max HP cartridges are constructed of highly efficient pleated polypropylene filter media with extended filter area to provide high flow rates, low pressure drop and increased dirt holding capacity.

Features

- 100% polypropylene
- Ratings from 0.2 to 50 micron
- FDA listed polypropylene components
- Removal efficiencies to 99.98%
- High surface area
- Long service life & reduced maintenance costs
- Fixed pore construction for reliability

Applications

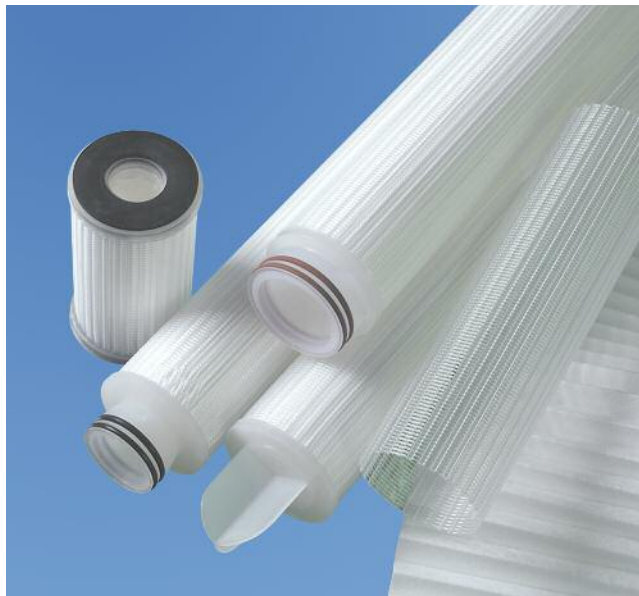
- High purity water
- Traps for DI resin
- Electronics
- Pre filtration for RO
- Magnetic tape coatings
- Aqueous solutions
- Plating solutions
- Chemicals
- Cosmetics
- Inks
- Food & beverage
- Bottled water
- Edible oils
- Waste water

Specifications

Components	Data
Filter media	Polypropylene
End caps	Polypropylene
Center tubes	Polypropylene
Cage	Polypropylene
Gaskets & o-rings	EPDM, standard. (Buna-N, Viton and Silicone are optional.)
Micron ratings	0.2, 0.45, 1, 2, 5, 10, 25 & 50
Operating temperature	175° F (80° C) maximum
Collapse pressure	130 psid (8.9 bar) maximum
Change out	35 psid (2.4 bar) maximum
FDA	All materials comply with FDA 174.5, 177.1520 & 177.1630 for contact with foods & beverages

Dimensions

Nominal lengths	4-7/8", 9-3/4", 10", 20", 30" & 40"
Outside diameter	2.5" (6.35 cm)
Inside diameter	1.0" (2.54 cm)

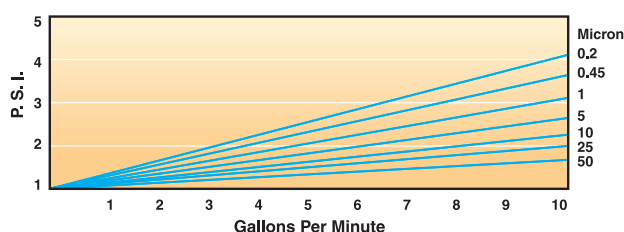


Filter removal efficiency

Beta ratio	10000	5000	100	50	10
Efficiency	99.99%	99.98%	99%	98%	90%
0.2 micron	0.35	0.2	0.1	----	----
0.45	0.6	0.45	0.3	0.2	----
1 micron	1.2	1.0	0.6	0.3	0.25
2 micron	2.5	2.0	1.5	1.0	0.8
5 micron	8.0	5.0	4.0	3.0	2.0
10 micron	13.0	10.0	8.0	7.0	5.0
25 micron	32.0	25.0	19.0	15.0	13.0
50 micron	66.0	50.0	44.0	32.0	26.0

Relative performance data was developed using laboratory tests, which may be used for guidelines in cartridge selection. The single-pass test method was used with particle counters and 3 GPM flow per 10" cartridge. Results vary, and actual field tests may be necessary to determine final cartridge selection.

Initial pressure drop per 10" cartridge



DOE



222 or 226 / Flat



222 or 226 / Fin

Flow-Max® HP Series Filter Cartridges

Product code	Micron	Length	End Cap	No./case	Ship weight
FPP-0.2-975-DOE	0.2	9-3/4"	DOE	24	12 lbs.
FPP-0.2-20-DOE	0.2	20"	DOE	12	11 lbs.
FPP-0.2-30-DOE	0.2	30"	DOE	12	17 lbs.
FPP-0.2-40-DOE	0.2	40"	DOE	12	21 lbs.
FPP-0.2-10-222	0.2	10"	222 / flat	24	12 lbs.
FPP-0.2-20-222	0.2	20"	222 / flat	12	11 lbs.
FPP-0.2-30-222	0.2	30"	222 / flat	12	17 lbs.
FPP-0.2-40-222	0.2	40"	222 / flat	12	21 lbs.
FPP-0.2-10-222F	0.2	10"	222 / fin	24	12 lbs.
FPP-0.2-20-222F	0.2	20"	222 / fin	12	11 lbs.
FPP-0.2-30-222F	0.2	30"	222 / fin	12	17 lbs.
FPP-0.2-40-222F	0.2	40"	222 / fin	12	21 lbs.
FPP-0.45-975-DOE	0.45	9-3/4"	DOE	24	12 lbs.
FPP-0.45-20-DOE	0.45	20"	DOE	12	11 lbs.
FPP-0.45-30-DOE	0.45	30"	DOE	12	17 lbs.
FPP-0.45-40-DOE	0.45	40"	DOE	12	21 lbs.
FPP-1-975-DOE	1	9-3/4"	DOE	24	12 lbs.
FPP-1-20-DOE	1	20"	DOE	12	11 lbs.
FPP-1-30-DOE	1	30"	DOE	12	17 lbs.
FPP-1-40-DOE	1	40"	DOE	12	21 lbs.
FPP-1-10-222	1	10"	222 / flat	24	12 lbs.
FPP-1-20-222	1	20"	222 / flat	12	11 lbs.
FPP-1-30-222	1	30"	222 / flat	12	17 lbs.
FPP-1-40-222	1	40"	222 / flat	12	21 lbs.
FPP-1-10-222F	1	10"	222 / fin	24	12 lbs.
FPP-1-20-222F	1	20"	222 / fin	12	11 lbs.
FPP-1-30-222F	1	30"	222 / fin	12	17 lbs.
FPP-1-40-222F	1	40"	222 / fin	12	21 lbs.
FPP-5-975-DOE	5	9-3/4"	DOE	24	12 lbs.
FPP-5-20-DOE	5	20"	DOE	12	11 lbs.
FPP-5-30-DOE	5	30"	DOE	12	17 lbs.
FPP-5-40-DOE	5	40"	DOE	12	21 lbs.
FPP-5-10-222	5	10"	222 / flat	24	12 lbs.
FPP-5-20-222	5	20"	222 / flat	12	11 lbs.
FPP-5-30-222	5	30"	222 / flat	12	17 lbs.
FPP-5-40-222	5	40"	222 / flat	12	21 lbs.
FPP-5-10-222F	5	10"	222 / fin	24	12 lbs.
FPP-5-20-222F	5	20"	222 / fin	12	11 lbs.
FPP-5-30-222F	5	30"	222 / fin	12	17 lbs.
FPP-5-40-222F	5	40"	222 / fin	12	21 lbs.

Note: 2, 10, 25, and 50 micron ratings are also available by special order. (Substitute micron rating at appropriate place in product code.) Standard gaskets and o-rings are EPDM. Buna-N, Viton and Silicone are also available. (For special gaskets or o-rings, add "B" for Buna-N, "V" for Viton or "S" for Silicone at end of product code.) For 226 cartridges, substitute "226" for "222".

Watts® Pleated Cartridges

Greater surface area, longer life, reduced filtration costs!



Watts pleated cartridges outperform wound, spun, melt blown, resin bonded and other “depth” style filter elements because our pleated cartridges provide increased surface area, lower pressure drop and longer service life. Our 100% synthetic media is washable and cleanable, five micron and up, to reduce filtration costs.

Features

Filter media is pleated...

Cellulose-FREE, 100% synthetic media

Wide range of lengths and micron ratings

Individually wrapped for purity

Washable and reusable, 5 micron and up

Color-coded end caps (2-3/4” OD)

Economical price

Benefits

More surface area for greater dirt holding capacity; lower initial pressure drop; higher flow rates; longer life; reduced filtration costs.

Superior performance with no additives or binders to break down which may cause foaming and filter degradation.

Full product line to satisfy your application.

Additional security at no additional charge.

Reduce filter replacement costs.

Easily identify standard OD replacements.

Reduced filter costs for higher profits.

Pleated cartridges have eight times the surface area as depth cartridges!

This is why Watts® pleated cartridges cost less to use, regardless what they cost to buy!

Watts® Pleated Cartridges

Not all pleated cartridges perform the same!

“Ours”



“Theirs”



VS.

The difference is the media!

Watts, cellulose-free, 100% synthetic filter media allows the pleats to retain their form, maintaining a large amount of surface area. This allows the cartridge to handle higher solids loading and flow rates with a lower pressure drop that increases the filter efficiency and life, while reducing filter change out costs and frequency.

VS.

The cellulose blended pleats collapsed on one another, blinding off large amounts of the cartridges surface area. Premature blinding of the surface area reduces the flow capacity and efficiency while it raises the differential pressure, and contributes to a limited filter life and frequent filter change outs.

Flow rates

Maximum flow rate guidelines for watts cartridges are shown below:

Micron rating (Nominal)	Standard Cartridges (2-3/4" OD)			Full-Flow (B-B)	
	9-3/4"	20"	29-1/4"	9-3/4"	20"
1 Micron	4	8	12	10	15
5 Micron	7	14	21	15	25
20 Micron	8	16	24	15	25
50 Micron	10	20	30	15	25

Watts pleated specifications

Maximum temperature	140°F (60°C)
Minimum Temperature	40°F (4.4°C)
Maximum pressure	40 psid
Recommended change out	25 psid
Filter media (1 & 5 micron)	Polypropylene
Filter media (20 & 50 micron)	Polyester
Material - center tube	Polypropylene
Material - end caps	Molded Polyurethane
ID	1-1/6"

Washable and reusable

Watts pleated cartridges are washable and reusable, five micron and up to reduce filtration costs. For best results, direct spray into the pleats to dislodge the sediment.

Watts® Pleated Cartridges



Standard cartridges (2-3/4" OD)



Full-Flow (B-B) Cartridges (4-1/2" OD)

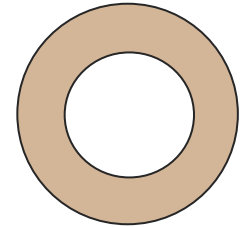
Standard 2-3/4" OD X 9-3/4" length

Product code	Media type	Micron	Color	Case / qty
WPC1-975	Synthetic	1	Tan	50
WPC5-975	Synthetic	5	White	50
WPC20-975	Synthetic	20	Blue	50
WPC50-975	Synthetic	50	Yellow	50

Identify cartridges easily with color coded end caps

Standard 2-3/4" OD X 20" length

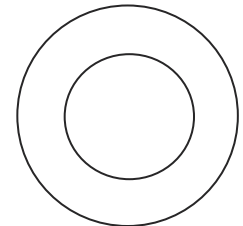
Product code	Media type	Micron	Color	Case / qty
WPC1-20	Synthetic	1	Tan	25
WPC5-20	Synthetic	5	White	25
WPC20-20	Synthetic	20	Blue	25
WPC50-20	Synthetic	50	Yellow	25



1 - Micron

Standard 2-3/4" OD X 29-1/4" length

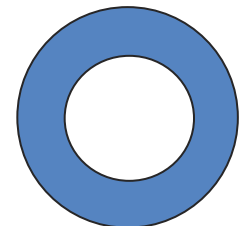
Product code	Media type	Micron	Color	Case / qty
WPC1-2925	Synthetic	1	Tan	25
WPC5-2925	Synthetic	5	White	25
WPC20-2925	Synthetic	20	Blue	25
WPC50-2925	Synthetic	50	Yellow	25



5 - Micron

Standard 2-3/4" OD X 40" length

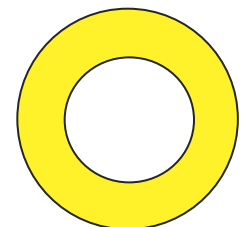
Product code	Media type	Micron	Color	Case / qty
WPC1-40	Synthetic	1	Tan	25
WPC5-40	Synthetic	5	White	25
WPC20-40	Synthetic	20	Blue	25
WPC50-40	Synthetic	50	Yellow	25



20 - Micron

Full-Flow (B-B) 4-1/2" OD X 9-3/4" length

Product code	Media type	Micron	Identifier	Case / qty
WPC1FF975	Synthetic	1	Embossed	18
WPC5FF975	Synthetic	5	Embossed	18
WPC20FF975	Synthetic	20	Embossed	18
WPC50FF975	Synthetic	50	Embossed	18



50 - Micron

Full-Flow (B-B) 4-1/2" OD X 20" length

Product code	Media type	Micron	Identifier	Case / qty
WPC1FF20	Synthetic	1	Embossed	9
WPC5FF20	Synthetic	5	Embossed	9
WPC20FF20	Synthetic	20	Embossed	9
WPC50FF20	Synthetic	50	Embossed	9

Intelifil® Filter Cartridges For Sediment

Melt Blown Polypropylene



Spun Polypropylene Sediment Cartridges

Features & benefits

- 4 layer polypropylene.
- Reduces fine sediment.
- Suitable for city and well water.
- Operating temperatures to 145°F (63°C).
- Certified by NSF42 and FDA CFR title 21.



This Intelifil Sediment filter is tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only.

9⁷/₈" Standard sediment cartridges

Model Number	Length	O.D.	Label	Micron	Package	No./Case
IF-SP-100	9 ⁷ / ₈ "	2 ¹ / ₂ "	Yes	1	Std.	50
IF-SP-1005	9 ⁷ / ₈ "	2 ¹ / ₂ "	Yes	5	Std.	50
IF-SP-1005-BULK	9 ⁷ / ₈ "	2 ¹ / ₂ "	No	5	Bulk	50
IF-SP-1005-NL	9 ⁷ / ₈ "	2 ¹ / ₂ "	No Label	5	Std.	50
IF-SP-1030	9 ⁷ / ₈ "	2 ¹ / ₂ "	Yes	30	Std.	50

20" Standard sediment cartridges

Model Number	Label	Micron	Package	No./Case
IF-SP-2005	Yes	5	Std.	25
IF-SP-2030	Yes	30	Std.	25

9³/₄" X 4¹/₂" Big-Blue sediment cartridges

Model Number	Label	Micron	Package	No./Case
IF-SP-1005BB	Yes	5	Std.	12
IF-SP-1020BB	Yes	20	Std.	12

20" X 4¹/₂" Big-Blue sediment cartridges

Model Number	Label	Micron	Package	No./Case
IF-SP-2005BB	Yes	5	Std.	6
IF-SP-2020BB	Yes	20	Std.	6

FLOW-PRO[®]

MELT BLOWN FILTER CARTRIDGES



Features & benefits

- Low cost
- Excellent chemical resistance
- Food grade for food and beverages
- No media migration
- High dirt holding capacity
- Wide range of lengths
- Five micron ratings

Specifications

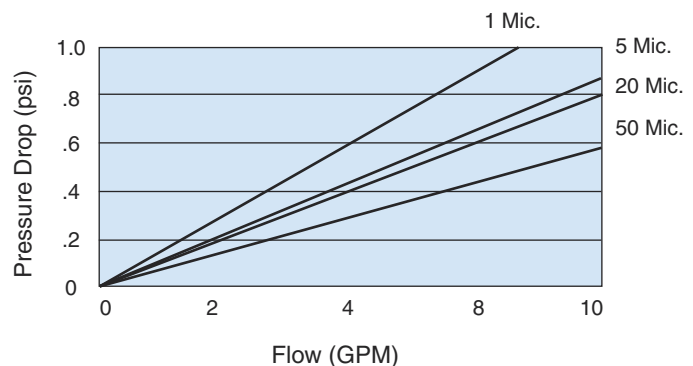
Material	Melt blown polypropylene
Maximum temperature	140° F / 60° C
Maximum pressure	40 PSID
Recommended change out	30 PSID
Maximum flow rate	2-8 GPM based on micron
Cartridge packaging	Shrink wrapped for purity

Applications

- Potable water
- Beverages
- Pre-filtration for RO
- Fine chemicals
- Electronics
- Metal finishing
- Plating solutions
- And more!



ANSI / NSF
STANDARD 42
COMPONENT
CERTIFIED



Flow-Pro® Melt Blown Cartridges



ANSI / NSF
STANDARD 42
COMPONENT
CERTIFIED

Standard diameter (2-1/2") 5"

Part Number	Length	OD	Micron	No. / case
FPMB1-5	5"	2-1/2"	1	48
FPMB5-5	5"	2-1/2"	5	48
FPMB20-5	5"	2-1/2"	20	48
FPMB50-5	5"	2-1/2"	50	48

9-7/8"

FPMB1-978	9-7/8"	2-1/2"	1	48
FPMB5-978	9-7/8"	2-1/2"	5	48
FPMB10-978	9-7/8"	2-1/2"	10	48
FPMB20-978	9-7/8"	2-1/2"	20	48
FPMB25-978	9-7/8"	2-1/2"	25	48
FPMB50-978	9-7/8"	2-1/2"	50	48

20"

FPMB1-20	20"	2-1/2"	1	24
FPMB5-20	20"	2-1/2"	5	24
FPMB20-20	20"	2-1/2"	20	24
FPMB50-20	20"	2-1/2"	50	24

29-1/4"

FPMB5-2925	29-1/4"	2-1/2"	5	24
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30"

FPMB1-30	30"	2-1/2"	1	24
FPMB5-30	30"	2-1/2"	5	24
FPMB20-30	30"	2-1/2"	20	24
FPMB50-30	30"	2-1/2"	50	24

40"

FPMB1-40	40"	2-1/2"	1	24
FPMB5-40	40"	2-1/2"	5	24
FPMB20-40	40"	2-1/2"	20	24
FPMB50-40	40"	2-1/2"	50	24

Full-Flow (B-B) 9-3/4" x 4-1/2" O.D. cartridges

Part Number	Length	OD	Micron	No. / case
FPMB-BB1-10	9-3/4"	4-1/2"	1	24
FPMB-BB5-10	9-3/4"	4-1/2"	5	24
FPMB-BB20-10	9-3/4"	4-1/2"	20	24
FPMB-BB50-10	9-3/4"	4-1/2"	50	24

Full-Flow (B-B) 20"x 4-1/2" O.D. cartridges

Part Number	Length	OD	Micron	No. / case
FPMB-BB1-20	20"	4-1/2"	1	12
FPMB-BB5-20	20"	4-1/2"	5	12
FPMB-BB20-20	20"	4-1/2"	20	12
FPMB-BB50-20	20"	4-1/2"	50	12

Grooved cartridges for increased surface area

Part Number	Length	OD	Micron	No. / case
FPMBG-1-975	9-3/4"	2-1/2"	1	48
FPMBG-5-975	9-3/4"	2-1/2"	5	48
FPMBG-10-975	9-3/4"	2-1/2"	10	48
FPMBG-20-975	9-3/4"	2-1/2"	20	48
FPMBG-1-20	20"	2-1/2"	1	24
FPMBG-5-20	20"	2-1/2"	5	24

Wound Filter Cartridges

Exceptional value when depth filtration is required.



Features & benefits

- Low cost
- Polypropylene media for chemical resistance
- Food grade ingredients for potable water
- No leachables to contaminate downstream
- Wide range of lengths and micron ratings
- Cartridges with stainless steel center tubes for temperature applications

Product Number	Length	OD	Micron	No. / case
SF1-978	9-7/8"	2-1/2"	1	30
SF5-978	9-7/8"	2-1/2"	5	30
SF20-978	9-7/8"	2-1/2"	20	30
SF50-978	9-7/8"	2-1/2"	50	30
SF1-20	20"	2-1/2"	1	15
SF5-20	20"	2-1/2"	5	15
SF20-20	20"	2-1/2"	20	15
SF50-20	20"	2-1/2"	50	15
SF1-30	30"	2-1/2"	1	15
SF5-30	30"	2-1/2"	5	15
SF20-30	30"	2-1/2"	20	15
SF1-40	40"	2-1/2"	1	10
SF5-40	40"	2-1/2"	5	10
SF20-40	40"	2-1/2"	20	10

Full-Flow (BB) 4-1/2" OD cartridges

Product Number	Length	OD	Micron	No. / case
SF1-10-425	9-3/4"	4-1/2"	1	8
SF5-10-425	9-3/4"	4-1/2"	5	8
SF20-10-425	9-3/4"	4-1/2"	20	8
SF50-10-425	9-3/4"	4-1/2"	50	8
SF1-20-425	20"	4-1/2"	1	4
SF5-20-425	20"	4-1/2"	5	4
SF20-20-425	20"	4-1/2"	20	4
SF50-20-425	20"	4-1/2"	50	4

Wound cartridges with 304 stainless steel center tubes for temperatures to 200°F (93°C)

Product Number	Length	OD	Micron	No. / case
MS10FS5	9-7/8"	2-1/2"	5	30
MS10FS20	9-7/8"	2-1/2"	20	30
MS10FS50	9-7/8"	2-1/2"	50	30
MS20FS5	20"	2-1/2"	5	15
MS20FS20	20"	2-1/2"	20	15
MS30FS5	30"	2-1/2"	5	15
MS30FS20	30"	2-1/2"	20	15
MS40FS5	40"	2-1/2"	5	10
MS40FS20	40"	2-1/2"	20	10

Pentek® Sediment Filters



Standard Sediment Filters 10"

Part Number	Pentek No.	Model No.	Description	Micron	Length	No./Case
FI-SED1005PA	255482-43	EDP-5	Pleated Cellulose-Polyester	5Mic	10"	24
FI-SED1005.PD	155749-43	PD-5-934	Polydepth Sediment	5Mic	10"	24
FI-SED1020S1	155001-43	S1	Pleated Cellulose Sediment	20Mic	10"	24
FI-SED1001PA	255481-43	ECP1-10	Pleated Cellulose-Polyester	1Mic	10"	24
FI-SED1005CWF	155186-43	CW-F	Polypropylene String	Fine	10"	24
FI-SED1005.P5	155014-43	P5	Spun Polypropylene Sediment Filter	5M	10"	24
FI-SED1025.PD	155751-43	PD-25-934	Polydepth Sediment	25Mic	10"	24

Standard Sediment Filters 20"

Part Number	Pentek No.	Model No.	Description	Micron	Length	No./Case
FI-SED2005P1	255486-43	ECP5-20	Pleated Cellulose Sediment	5Mic	20"	14
FI-SED2020P1	155303-43	S1-20	Pleated Cellulose Sediment	20Mic	20"	14

Standard Sediment Filters 40"

Part Number	Pentek No.	Model No.	Description	Micron	Length	No./Case
FI-SED4005.PD	155770-43	PD-5-40	Polydepth Sediment	5Mic	40"	20
FI-SED4020.PD	155772-43	PD-25-40	Polydepth Sediment	25Mic	40"	20

Oil Reduction Cartridges

Removes oil, gasoline and other hydrocarbons from water in a single pass!



Hydrocarbon removal cartridges are engineered to remove oil, gasoline, diesel fuel, solvents, sheen, and other hydrocarbons from water in a single pass by permanently bonding them to our absorbent media, without significant pressure drop even when the cartridges have been fully saturated.

Applications

- Manhole effluent
- Storm runoff water
- Tank farms & terminals
- Bilge & ballast water
- Tramp oil removal from machining fluids
- Plating baths
- Parts washing
- Oil spill remediation projects

Specifications

Filter media	Melt blown polypropylene, infused with hydrocarbon absorbent material
Initial pressure drop	1.5 psid (at 5 GPM per 9-3/4" x 2-1/2" cartridge)
Capacity (per 9-3/4" x 2-1/2")	200 grams, oil & grease
Capacity (per 9-3/4" x 4-1/2")	900 grams, oil & grease
Maximum flow rate (per 9-3/4" x 2-1/2")	5 GPM
Maximum flow rate (per 9-3/4" x 4-1/2")	20 GPM
Micron rating (for sediment removal)	5 micron
Maximum temperature limit	140°F (60°F)

Part Numbers for 2-1/2" OD cartridges

Part Number	Length	OD	Micron rating	Number Per Case
FPHRC-975	9-3/4"	2-1/2"	5	12
FPHRC-20	20"	2-1/2"	5	20
FPHRC-30	30"	2-1/2"	5	20

Part Numbers for 4-1/2" OD cartridges

Part Number	Length	OD	Micron rating	Number Per Case
FPHRC-BB-975	9-3/4"	4-1/2"	5	10
FPHRC-BB-20	20"	4-1/2"	5	5

Note: All cartridges are packaged in protective, barrier bags to ensure top quality performance.

Shower Filters



Flowmatic®

Part Number	Description	Case Qty
FMSHWR-KDF55	Dial-A-Date shower filter in retail box	1
FMSHWR-KDF55-PLAIN	Dial-A-Date shower filter in plain box	1

Sprite® and Rainshow'r

Type	Part Number	Sprite Number	Description	No. Case
All-In-One	SR-A1-CM	A1-CM-R	Showerhead Chrome Retail Package	12
	SR-A1-GD	A1-GD-R	Showerhead Gold Retail Package	12
Hand-Held	SR-HH-CM	HH-CM-M-R	Showerhead Chrome Retail Package	12
	SR-HH-GD	HH-GD-M-R	Held Showerhead Gold Retail Package	12
	SR-HH-WH	HH-WH-M-R	Showerhead White Retail Package	12
Slim-Line	SL-WH-M	SL-WH-M	Shower Filter White Retail Package	12
	SL-WH	SL-WH	Shower Filter Retail Package No Head	12
High Output	SR-HO-CM	HO-CM-M-R	Shower Filter Chrome Retail Package	12
	SR-HO-GD	HO-GD-M-R	Shower Filter Gold Retail Package	12
	SR-HO-WH	HO-WH-M-R	Shower Filter White Retail Package	12
Rainshw'r	SR	SR-WH-M	White Massage Showerhead Retail Package	12
	SR-BATH2000	Crystal	Ball For the Bath 4.5" Diameter Media Ivor	1
	SR-B2000RP	Replacement	Pouch For Bath 2000	1
	CQ-1000	CQ-1000	Dechlorinating Shower Filter w/Crystal Quartz	12

Replacement cartridges

Part Number	Sprite Number	Description	No./Case
SR-A1C	A1C	A1 Replacement Cartridge 6 Month	12
SR-HOC	HOC	High Output Replacement Cartridge 1 Year.	12
SR-HHC	HHC-2	Hand Held Replacement Cartridge 2 Pack (3 months)	12
SR-SLC	SLC	Slim Line Replacement Cartridge 6 Month	12
CQ-1000RC	RCCQ-A	Replacement Cartridge for CQ-1000	12