

TECHNICAL SHEET

LIQUID FILTER BAGS



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PENTAIR LIQUID FILTER BAGS

TECHNICAL CHARACTERISTICS

- Available medias range from 1 to 1500 microns
- Heavy-duty handle for easy installation and removal
- Wide array of media fibers to meet needed temperature and micron specifications
- Bag finish or covers available for strict migration requirements
- OEM replacement ring styles
- Multi-layered filtering capabilities for higher dirt-holding capacities and fewer change-outs



PRODUCT SPECIFICATIONS

BAG SIZE PER HOUSING MODEL

Housing model N°	Bag size	Length	Diameter	Surface area
44-6	#3	203 mm (8")	105 mm (4.12")	0.05 m ² (0.5 sq. ft.)
44-12	#4	356 mm (14")	105 mm (4.12")	0.09 m ² (1 sq. ft.)
66-12	#7	381 mm (15")	143 mm (5.62")	0.12 m ² (1.3 sq. ft.)
66-18	#8	533 mm (21")	143 mm (5.62")	0.18 m ² (2.0 sq. ft.)
66-30	#9	813 mm (32")	143 mm (5.62")	0.32 m ² (3.4 sq. ft.)
88-15	#1	419 mm (16 1/2")	179 mm (7.06")	0.18 m ² (2.0 sq. ft.)
88-15	#1 inner	368 mm (14 1/2")	146 mm (5 3/4")	0.15 m ² (1.6 sq. ft.)
88-30	#2	813 mm (32")	179 mm (7.06")	0.41 m ² (4.4 sq. ft.)
88-30	#2 inner	762 mm (30")	146 mm (5 3/4")	0.33 m ² (3.6 sq. ft.)
M88-30-OEM	#12	762 mm (30")	203 mm (8.00")	0.51 m ² (5.5 sq. ft.)
Multi-Rounds	#2	813 mm (32")	179 mm (7.06")	0.41 m ² (4.4 sq. ft.)

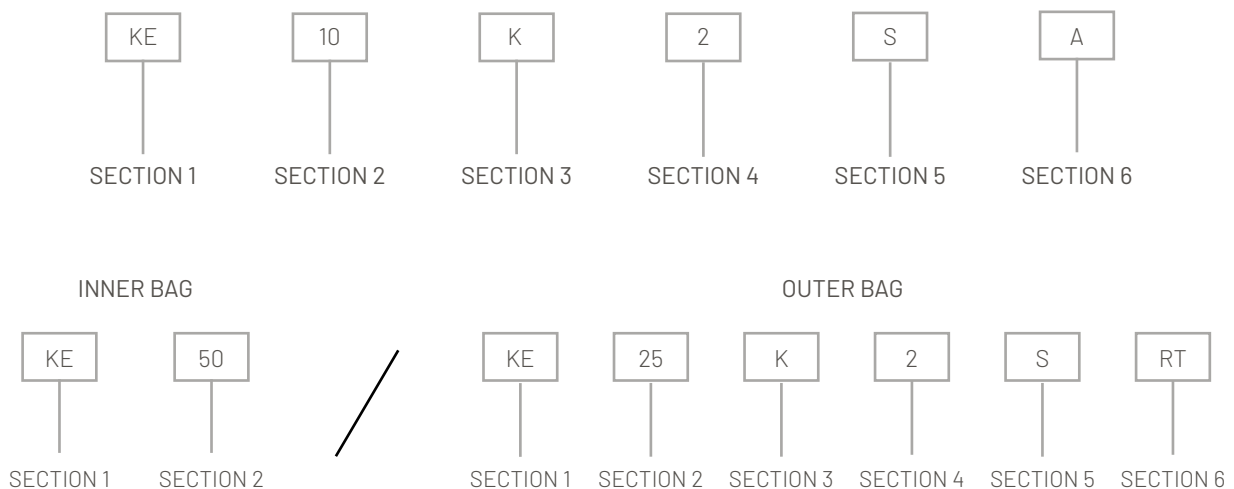
MICRON RATINGS AVAILABLE FOR THE DESIGNED FIBERS

Fiber	Micron rating															Temperature	
	1	5	10	15	25	50	75	100	150	200	250	300	400	600	800		1500
Felt, Nomex (HT)		•	•	•	•	•		•									232.2°C
Felt, Polyester (KE)	•	•	•	•	•	•	•	•		•							121.1°C
Felt, Polypropylene (KO)	•	•	•		•	•		•									93.3°C
Monofilament Mesh, Nylon (NMO)		•	•		•	•	•	•	•	•	•	•	•	•	•	•	121.1°C
Monofilament, Polyester (KEMO)		•	•		•	•	•	•	•	•	•	•	•	•	•	•	121.1°C
Monofilament Mesh, Polypropylene (KOMO)											•	•	•	•	•		93.3°C
Multifilament Mesh, Nylon (NM)									•								121.1°C
Multifilament Mesh, Polyester (KEM)*								•	•	•	•		•	•	•	•	121.1°C
Oil Removal (OR)					•												93.3°C

*Multifilament Polyester also available in 125, 1000 and 1500 microns.

ORDERING INFORMATION

Polypropylene felt bags (KO) available from EMEA. Other configurations can be available upon request with an expanded lead time for the first order.



SECTION 1	SECTION 2	SECTION 3
Fibers	Micron Ratings Available for the Designated Fibers	Bag Finish or Cover (Over Felt Only)
KE = Felt, Polyester	KE = 1, 5, 10, 15, 25, 50, 75, 100, 200	K = Glazed
KO = Felt, Polypropylene	KO = 1, 5, 10, 25, 50, 100	NG = Non-Glazed Finish
NMO = Monofilament Mesh, Nylon	NMO = 5, 10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 600, 800	KEM = Polyester Multifilament Mesh Cover
KEM = Multifilament Mesh, Polyester	KEM = 100, 125, 150, 200, 250, 300, 400, 800	C = Spun-Bonded Nylon (Cerex®)
KES = Felt, Polyester (S = Fully Stitched Bag)	KES = 1, 5, 10, 15, 25, 50, 75, 100, 200	R = Spun-Bonded Polyester (Reemay®)
KEW = Felt, Polyester (W = Fully Welded Bag)	KEW = 1, 5, 10, 15, 25, 50, 75, 100, 200	KOMO = Polypropylene Monofilament Mesh Cover
KOS = Felt, Polyester (S = Fully Stitched Bag)	KOS = 1, 5, 10, 25, 50, 100	NMO = Nylon Monofilament Mesh Cover
OR = Oil Removal Material	OR = 25	HE = High Efficiency (available in KE and KO only)
HT = Felt, Nomex (nylon)	HT = 5, 10, 25, 50, 100	
KOMO = Monofilament Mesh, Polypropylene	KOMO = CALL FACTORY	
KOW = Felt, Polypropylene (W = Fully Welded Bag)	KOW = 1, 5, 10, 25, 50, 100	

SECTION 4	SECTION 5	SECTION 6
Size & Symbol with Usage and Bag Dimensions (Diameter X Length)	Ring Styles	Options
1 = Standard #1 Size Housings - Model 88-15 - 179 mm x 419 mm	S = Carbon Steel Ring	A = Automotive
2 = Standard #2 Size Housings - Model 88-30 - 179 mm x 813 mm	SS = Stainless Steel Ring	NH = No Handle
3 = Standard #3 Size Housing - Model 44-6 - 105 mm x 203 mm	DS = Draw String	RT = Raw Top
4 = Standard #4 Size Housing - Model 44-12 - 105 mm x 356 mm	KE = FSI Style Flanged Polyester Ring	
7 = Standard #7 Size Housings - Model 66-12 - 143 mm x 381 mm	KO = Polypropylene Ring (not available in #12 size)	
8 = Standard #8 Size Housings - Model 66-18 - 143 mm x 533 mm	K = FSI Style Flanged Plastic Top	
9 = Standard #9 Size Housings - Model 66-30 - 143 mm x 813 mm		
12 = Standard #12 Size Housings - Model M88-30-OEM - 203 mm x 813 mm		
RK1 = Ronningen Petter Fabric Basket Housings #1 Size - 203 mm x 762 mm		
RK2 = Ronningen Petter Fabric Basket Housings #2 Size - 203 mm x 1016 mm		
C01 = Commercial Filters #1 Size Housings - 186 mm x 432 mm		
C02 = Commercial Filters #2 Size Housings - 186 mm x 838 mm		

* based on internal testing

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