HIGH EFFICIENCY LIQUID FILTER BAGS
Beafine – High efficiency microfiber bags

- Micron ratings from 1.0 to 25.0
- 7 industry standard sizes
- High flow – low pressure drop media
- Wide chimica compatibility
- Excellent oil absorbing capabilities
- Optional extended life feature
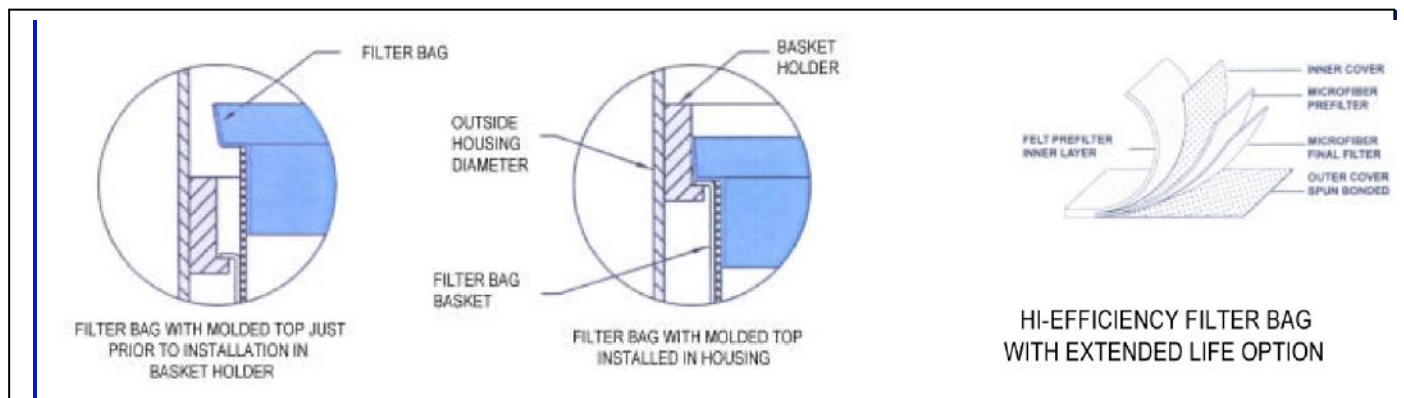- Handles on all bags
- Choice of metal ring or molded tops

HIGH EFFICIENCY MATERIALS

Microfiber materials provide high efficiencies (95.0 % minimum) at low micron ratings. The optional addition of a needle punched felt layer provides a prefilter zone and results in extended life. The multilayer technology option results in a true graded density material with high performance levels.

Standard ring bags have a galvanized steel ring (stainless steel optional) sewn in the top of the bag. Sewn seams are standard. Molded top filter bag has a plastic top welded to a sewn filter bag.

MOLDED TOPS

FILTER BAG DESIGN

FILTER BAG WITH MOLDED TOP JUST PRIOR TO INSTALLATION IN BASKET HOLDER

FILTER BAG WITH MOLDED TOP INSTALLED IN HOUSING

HI-EFFICIENCY FILTER BAG WITH EXTENDED LIFE OPTION

Oil removal bags are available which absorb oil from aqueous solutions such as water based coolants wastewater in addition to many others. The oil removal bags are available in high efficiency ratings of 15.0 & 25.0 microns with the extended life feature optional.

OIL REMOVAL CAPABILITIES

SIZES

FILTER BAG	DIAMETER (In.-Approx.)	LENGTH (inches)	AREA (ft²)	MAXIMUM FLOW gpm
1	7.25	16.5	2.0	90
2	7.25	32	4.5	180
3	4.31	8	0.5	20
4	4.31	14	1.0	40
7	5.63	15	1.5	60
8	5.63	21	2.0	80
9	5.63	32	3.0	120

FIBER COMPATIBILITIES

FIBERS	COMPATIBILITY*					
	Weak Acids	Strong Acids	Weak Alkali	Strong Alkali	Solvents	Temperature °F Max.
Polyester	Very Good	Good	Good	Poor	Good	300°
Polypropylene	Excellent	Excellent	Excellent	Excellent	Fair	300°

* use chart as a guide only. Chemical compatibility should be checked for specific fluid.

ORDERING INFORMATION

		PEMFXL	1.0	P	2	S

TYPE FIBER
PEMF = MICROFIBER, POLYESTER
POMF = MICROFIBER, POLYPROPYLENE
OR = MICROFIBER, POLYPROPYLENE OIL REMOVAL
PEMFXL = MICROFIBER, POLYESTER "EXTENDED LIFE"
POMFXL = MICROFIBER, POLYPROPYLENE "EXTENDED LIFE"
ORXL = MICROFIBER, POLYPROPYLENE OIL REMOVAL
"EXTENDED LIFE"

MICRON RATINGS
PEMF or PEMFXL = 1.0, 2.5, 5.0, 10.0, 25.0
POMF or POMFXL = 1.0, 2.5, 5.0, 10.0, 25.0
OR or ORXL = 15.0, 25.0

BAG COVER
PEM = POLYESTER COMPOSITE (STANDARD ON PEMF)
P = STANDARD (NONE)

BAG SIZE

BAG STYLES
S = GALVANIZED CARBON STEEL RINGS
S-SS = STAINLESS STEEL RINGS
POL = MOLDED POLYPROPYLENE TOP (SIZE 1, 2, 3, 4 ONLY)
PEL = MOLDED POLYESTER TOP (SIZE 1, 2, 3, 4 ONLY)

PRESSURE DROP DATA

The graph shows the delta P produced by a # 2 size bag for water, 1 cps @ 68° F. The pressure drop is specific to the type of bag, the micron rating and flow rate for the filter bag only. It does not include the pressure drop caused by the housing & basket. Max. delta P 1,5 bar.

SACCHI AD ALTA EFFICIENZA
ΔP – PSI – SACCHI SIZE 2
PORTATA ACQUA (1 cps et 20°C) l/m

BAG SIZE AND VISCOSITY CORRECTION

For other than #2 size bags, multiply delta P from above table by the bag size correction factor below to calculate delta P. If viscosity of the liquid is greater than 1 cps (water @ 68° F), multiply the result by the proper viscosity correction factor.

BAG SIZE CORRECTION

Bag Size	Correction factor
1	2.25
2	1.00
3	9.00
4	4.50
7	3.00
8	2.25
9	1.50

VISCOSITY CORRECTION

Viscosity CPS	Correction Factor
50	4.5
100	8.3
200	16.6
400	27.7
800	50.0
1000	56.2
1500	77.2
2000	113.6
4000	161.0
6000	250.0
8000	325.0
10000	430.0