

Filter bags

Bag filtration is an economical and valid alternative to cartridge filtration. Dirt remains inside of the bag which is easy to change and dispose of.

The range includes different solutions to satisfy also the most sophisticated needs of filtration.

Felt bags are manufactured with a single layer of needle punched felt.

The "extended life" series bags are fabricated using multi-layer felt to increase the dirt holding capacity.

Micro fiber bags represent the conjunction between depth melt-blown cartridge technology and bag filtration offering high filtration performance.

Monofilament bags are manufactured using polymer mesh for a precision surface filtration; these bags are washable and hence reusable.



CHARACTERISTICS

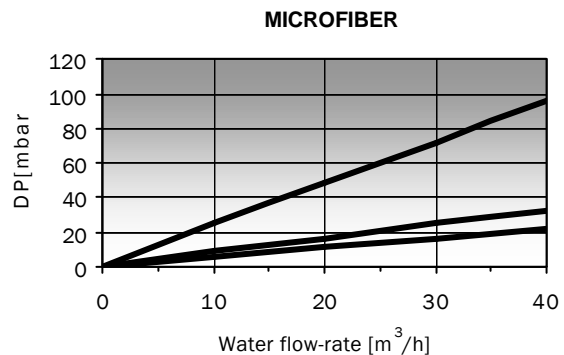
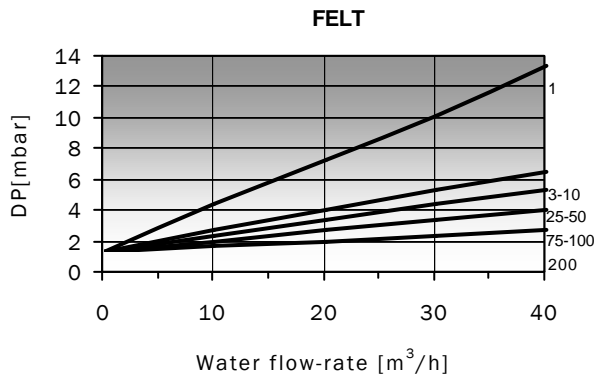
- Available rating from 1 to 800 μm
- Available in all Industry standard sizes
- Suitable for installation inside of all standard housing
- 5 different types of filter media: standard felt, extended life felt, monofilament, micro fiber, hybrid
- 5 different materials: polypropylene, polyester, nylon, Nomex®, PTFE
- 3 different top sealing system: molded plastic, metallic ring or ribbon
- Available in sewn or all thermo welded construction

MAIN APPLICATIONS

Solvents, varnishes, coatings, resins, enamels, latex, cataphoresis bath, inks, gels removal, oils removal, process water, demi water, acids, intermediates chemicals, edible oils, dairy products, sugar solution, detergents, mineral oil, additives, amines, deep well injection.

CORRECTION FACTORS C_f

Bag size		Viscosity	
Size	C_f	cP	C_f
1	2.25	50	4.5
2	1.00	100	8.4
3	9.00	200	16.5
4	4.50	400	27.8
		800	50.0
		1.000	56.0
		1.500	77.0
		2.000	114.0
		4.000	160.0
		6.000	250.0
		8.000	325.0
		10.000	430.0



Flow rate for size 2 bag and fluid with 1 cP viscosity.
For different size and viscosity, multiply DP by proper correction factor - see table.

Filter bags

PRODUCT SPECIFICATION

Fiber	Material	Temperature	Micron Ratings																	
			1	3	5	10	25	50	75	100	125	150	200	250	300	400	600	800	1000	1200
Polypropylene	Felt	95 °C - 203 °F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polyester	Felt	140 °C - 284 °F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
Nylon	Felt	140 °C - 284 °F			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Nomex®	Felt	245 °C - 473 °F	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
PTFE	Felt	260 °C - 500 °F	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polypropylene	XP felt	95 °C - 203 °F			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polyester	XP felt	140 °C - 284 °F			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polypropylene	Micro fiber	95 °C - 203 °F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polypropylene	BO/MF/MB	95 °C - 203 °F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
Polypropylene	Monofilament	95 °C - 203 °F											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nylon	Monofilament	140 °C - 284 °F			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PTFE	Monofilament	260 °C - 500 °F							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	F O.D.	Length	Surface	Volume
Size	[mm]	[mm]	[m ²]	[liters]
1	178	419	0.20	7.90
2	178	813	0.45	17.3
3	102	229	0.05	1.40
4	102	381	0.10	2.50

Suggested DP		
Initial	Change out	Maximum
0.07 ÷ 0.2 bar	0.7 ÷ 1.3 bar	2.41 bar

ORDERING INFORMATION

B	P O	-	075	P2	P	-	W
	FILTER MEDIA		RATING [2]	SIZE	TIPO ANELLO TENUTA SEALING RING STYLE		OPZIONI OPTIONS
	PO Polypropylene felt		001 1 µm	P1 178 x 419 mm	P Molded Polypropylene		NO - Sewn
	PE Polyester felt		003 3 µm	P2 178 x 813 mm	S Tinned steel ring		W Welded [1]
	NL Nylon felt		005 5 µm	P3 102 x 229 mm	E Stainless steel ring		
	NX Nomex® felt		010 10 µm	P4 102 x 381 mm	B Polypropylene ring		
	TE PTFE felt		025 25 µm		T PTFE ring		
	XP Extended life polypropylene		050 50 µm		R Ribbon		
	XE Extended life polyester		075 75 µm				
	ML Multi layers felt		100 100 µm				
	MF Polypropylene micro fiber		125 125 µm				
	MP Hybrid PP micro fiber		150 150 µm				
	BO Seamless micro fiber		200 200 µm				
	MB Hybrid seamless micro fiber		250 250 µm				
	NM Nylon monofilament		300 300 µm				
	PM Polypropylene monofilament		400 400 µm				
	TM PTFE monofilament		600 600 µm				
	OA Oil removal		800 800 µm				
			C10 1000 µm				
			C12 1200 µm				

1] All welded construction only for PO and PE felt
2] Other filtration ratings available

- Nomex® is a registered mark of DuPont Company
- Saran® is a registered mark of Dow Chemical



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