



PDF Steam Filter is used for 100% contamination free filtration of steam. Micropure Steam Filters are equipped with the variable Ecofilter element and stainless steel media.

Micropure PDF membranes are made from woven calendared stainless steel. Membranes have an extremely high pore distribution (95%) which allows for high through-put and very little pressure loss.

Micropure Steam Filters make 100% reverse flow filtration possible.

Standard equipment is a stainless steel glycerin filled pressure gauge and condensate drain kit.

Micropure Sterile Filters are designed for upstream and downstream sampling as well as draining condensate.

Technical Data	Filter Capacity @		Housing Connections		Weight of unit		Replacement Media	Max. Pressure of Housing	
	121°C and 32µm		DN	in	Kgs	Lbs		Bar	psig
Filter Type	KG/h	pds/m							
PDF-0602	25	1	15	½	3.8	8	FMS-06-032	16	232
PDF-0604	50	2	15	½	4	9	FMS-06-032	16	232
PDF-0606	75	3	15	½	4.2	9	FMS-06-032	16	232
PDF-0802	90	4	25	1	6.4	14	FMS-08-032	16	232
PDF-0804	180	8	25	1	6.6	15	FMS-08-032	16	232
PDF-0806	270	11	40	1 ½	6.8	15	FMS-08-032	16	232
PDF-0808	360	13	40	1 ½	7.2	16	FMS-08-032	16	232
PDF-0810	450	16	40	1 ½	7.4	16	FMS-08-032	16	232
PDF-1008	500	20	50	2	13.4	30	FMS-10-032	16	232
PDF-1010	625	23	50	2	13.8	30	FMS-10-032	16	232
PDF-1012	750	30	50	2	14.2	31	FMS-10-032	16	232
PDF-1014	845	33	50	2	14.6	32	FMS-10-032	16	232
PDF-1408	1000	40	50	2	20	44	FMS-14-032	16	232
PDF-1410	1250	50	50	2	20.5	45	FMS-14-032	16	232
PDF-1412	1500	60	50	2	21.5	48	FMS-14-032	16	232
PDF-1414	1750	70	50	2	22.5	50	FMS-14-032	16	232
PDF-1416	2000	80	65	2 ½	24.5	54	FMS-14-032	16	232
PDF-1418	2250	90	65	2 ½	25.5	55	FMS-14-032	16	232
PDF-1420	2500	100	80	3	26.5	58	FMS-14-032	16	232
PDF-1426	3250	130	80	3	28	62	FMS-14-032	16	232
PDF-1432	4000	160	80	3	29.5	65	FMS-14-032	16	232

Steam Temp°C	100	121	140	160	180	Pore Size	3	10	25	32	50
Conversion Factor	.7	1	1.5	2	3	Conversion Factor	.5	.6	.8	1	1.5

**Filter housing Material:** Stainless steel aisi 304

**Filter Element Material:** Stainless steel aisi 304

**Material Warranty:** 5 years except membranes

**Retaining rate of media:** We have media rated from 1 micron to 100 micron

**Recommended sterilization procedures**

**Saturated steam:** 20 minutes at 121°C

10 minutes at 130°C

6 minutes at 140°C

**Hot air:**

12 hours at 121°C