

Dialysers and Filters

Helixone®/Fresenius Polysulfone®

Products	UF-coeff. (mL/h x mmHg)	Clearance ($Q_B = 200$ mL/min)						Clearance ($Q_B = 300$ mL/min)					Surface (m ²)	Recomm. blood flow range (mL/min)	Art.-No.
		Urea	Creat.	Phosph.	Vit. B ₁₂	Inulin	Urea	Creat.	Phosph.	Vit. B ₁₂	Inulin				
FX-class Low-Flux Dialysers – INLINE steam sterilised															
FX 5	8	180	165	141	88	–	228	200	164	94	–	1.0	100 – 300	500 483 1	
FX 8	12	191	178	160	107	–	254	225	194	120	–	1.4	150 – 400	500 473 1	
FX 10	14	193	181	170	121	–	261	231	210	138	–	1.8	200 – 500	500 474 1	

FX-class High-Flux Dialysers – INLINE steam sterilised															
FX 40	20	170	144	138	84	54	–	–	–	–	–	0.6	50 – 200	500 884 1	
FX 50	33	189	170	165	115	76	250	210	201	130	81	1.0	100 – 300	500 885 1	
FX 60	46	193	182	177	135	95	261	230	220	155	104	1.4	150 – 400	500 886 1	
FX 80	59	197	189	185	148	112	276	250	239	175	125	1.8	200 – 500	500 888 1	
FX 100	73	–	–	–	–	–	278	261	248	192	142	2.2	250 – 600	500 890 1	

In vitro performance: $Q_D = 500$ mL/min; $Q_F = 0$ mL/min; $T = 37$ °C (EN 1283, ISO 8637)

FX-class Paediatric High-Flux Dialyser – INLINE steam sterilised															
FX paed	7	76	64	57	34	20	–	–	–	–	–	0.2	30 – 100	500 822 1	

In vitro performance: $Q_B = 100$ mL/min; $Q_D = 300$ mL/min; $Q_F = 0$ mL/min; $T = 37$ °C (EN 1283, ISO 8637)

FX-class Haemodiafilters – INLINE steam sterilised															
FX 600	52	268	238	228	165	111	284	262	254	199	150	1.5	150 – 400	500 813 1	
FX 800	63	276	250	238	176	123	289	271	262	209	161	1.8	200 – 500	500 814 1	
FX 1000	75	278	262	248	178	126	290	280	269	211	164	2.2	250 – 600	500 972 1	

In vitro performance:

$Q_B = 300$ mL/min; $Q_D = 500$ mL/min; $Q_F = 0$ mL/min;
 $T = 37$ °C (EN 1283, ISO 8637)

$Q_B = 300$ mL/min; $Q_D = 500$ mL/min; $Q_F = 75$ mL/min;
 $T = 37$ °C (EN 1283, ISO 8637)

Ultrafiltration coefficients:
Human blood; Hct 32%; Protein content 6%

Products	UF-coeff. (mL/h x mmHg)	Clearance ($Q_B = 200$ mL/min)					Clearance ($Q_B = 300$ mL/min)					Surface (m ²)	Recomm. blood flow range (mL/min)	Art.-No.	
		Urea	Creat.	Phosph.	Vit. B ₁₂	Inulin	Urea	Creat.	Phosph.	Vit. B ₁₂	Inulin				
High-Flux Dialysers • Haemofilters • Haemodiafilter – INLINE steam sterilised															
F40S	20	165	140	138	80	54	–	–	–	–	–	0.7	50 – 200	500 714 1	
F50S	30	178	160	158	100	75	225	195	190	112	83	1.0	100 – 300	500 815 1	
F60S	40	185	172	170	118	88	242	215	210	134	97	1.3	150 – 400	500 716 1	
F70S	50	190	177	174	127	98	245	220	216	145	109	1.6	200 – 500	500 717 1	
HF80S	55	192	180	177	135	110	248	225	220	155	120	1.8	200 – 600	500 718 1	
HdF100S	60	–	–	–	–	–	271	252	240	190	145	2.4	250 – 600	500 719 1	
Low-Flux Dialysers • High Performance – INLINE steam sterilised															
F4HPS	8	170	149	123	75	–	–	–	–	–	–	0.8	50 – 200	500 704 1	
F5HPS	10	179	162	139	84	–	227	196	162	91	–	1.0	100 – 300	500 705 1	
F6HPS	13	186	173	148	92	–	243	215	175	100	–	1.3	150 – 400	500 706 1	
F7HPS	16	188	175	155	102	–	247	220	186	113	–	1.6	200 – 500	500 707 1	
F8HPS	18	190	177	159	106	–	252	224	193	118	–	1.8	250 – 600	500 708 1	
F10HPS	21	–	–	–	–	–	259	230	208	131	–	2.2	300 – 600	500 720 1	
Low-Flux Dialysers – ETO sterilised															
F3	1.7	125	95	50	20	–	–	–	–	–	–	0.4	50 – 200	500 165 1	
F4	2.8	155	128	78	32	–	–	–	–	–	–	0.7	50 – 200	500 161 1	
F5	4.0	170	149	103	45	–	206	175	115	47	–	1.0	100 – 300	500 162 1	
F6	5.5	180	164	123	60	–	222	194	145	62	–	1.3	150 – 400	500 145 1	
F7	6.4	184	169	132	68	–	236	210	155	72	–	1.6	200 – 500	500 163 1	
F8	7.5	186	172	138	76	–	240	216	165	82	–	1.8	250 – 600	500 164 1	

In vitro performance: $Q_D = 500$ mL/min; $Q_F = 0$ mL/min; $T = 37$ °C (EN 1283, ISO 8637)

Ultrafiltration coefficients: Human blood; Hct 32%; Protein content 6%



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