



Diacap® PES

DESIGNED FOR RELIABLE
TREATMENTS IN EVERY WAY

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Diacap® PES high flux PERFORMANCE DATA

		PES 10 H*			PES 13 H*			PES 16 H		
		200	300	400	200	300	400	200	300	400
Clearance	Blood flow (Qb) ml/min									
	Urea	187	240	266	190	252	293	193	260	308
	Creatinine	168	210	192	184	237	269	188	245	284
	Dialysate flow – 500 ml/min	159	192	209	177	223	251	181	236	273
	Ultrafiltration flow (QF) – 0 ml/min	119	137	143	137	158	170	148	173	189
	Inulin	75	83	92	98	111	116	101	114	120
Ultrafiltration coefficient (ml/h/mmHg)		36			54			62		
KoA urea (Qb = 300 ml/min)		717			849			961		
Surface area (m ²)		1.0 m ²			1.3 m ²			1.6 m ²		
Article number		720AH10			720AH13			720AH16		

		PES 18 H			PES 20 H			PES 22 H		
		200	300	400	200	300	400	200	300	400
Clearance	Blood flow (Qb) ml/min									
	Urea	194	264	312	195	266	318	196	271	322
	Creatinine	190	251	292	191	255	298	192	258	302
	Dialysate flow – 500 ml/min	187	244	281	189	250	289	190	252	293
	Ultrafiltration flow (QF) – 0 ml/min	154	184	203	159	192	214	161	195	217
	Inulin	105	122	129	111	125	136	117	133	139
Ultrafiltration coefficient (ml/h/mmHg)		74			78			86		
KoA urea (Qb = 300 ml/min)		1027			1064			1167		
Surface area (m ²)		1.8 m ²			2.0 m ²			2.2 m ²		
Article number		720AH18			720AH20			720AH22		

- Performance data were measured in vitro according to standard ISO 8637
- UF measurement: using bovine/human blood (hct 32%; protein 60 g/l)
- Typical values obtained with an individual batch of fibers; clinical use may illustrate a difference in results with different ultrafiltration/measuring techniques and possible variation between batches of fibers

Diacap® PES high flux TECHNICAL DATA

Sterilization		Autoclave steam
Membrane		Polyethersulfone
SC (sieving coefficient)	Inulin	1
Qb 300 ml/min	B2 microglobulin	> 0.7
QF 60 ml/min	Albumin	< 0.002

* Availability upon request

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Diacap® PES low flux PERFORMANCE DATA

		PES 13 L*			PES 16 L		
		200	300	400	200	300	400
Blood flow (Qb) ml/min							
Clearance	Urea	184	240	269	188	252	291
	Creatinine	164	204	225	173	219	244
	Phosphate	147	181	192	161	195	213
	Vitamin B12	101	114	118	116	131	137
Dialysate flow – 500 ml/min							
Ultrafiltration flow (QF) – 0 ml/min							
Ultrafiltration coefficient (ml/h/mmHg)		17			20		
KoA urea (Qb = 300 ml/min)		717			849		
Surface area (m ²)		1.3 m ²			1.6 m ²		
Article number		720AL13			720AL16		

		PES 18 L			PES 20 L			PES 22 L		
		200	300	400	200	300	400	200	300	400
Blood flow (Qb) ml/min										
Clearance	Urea	192	260	299	194	261	302	195	268	306
	Creatinine	178	228	252	182	234	261	184	236	267
	Phosphate	167	209	229	169	214	234	172	216	238
	Vitamin B12	123	145	152	130	152	160	133	154	165
Dialysate flow – 500 ml/min										
Ultrafiltration flow (QF) – 0 ml/min										
Ultrafiltration coefficient (ml/h/mmHg)		22			25			28		
KoA urea (Qb = 300 ml/min)		961			977			1103		
Surface area (m ²)		1.8 m ²			2.0 m ²			2.2 m ²		
Article number		720AL18			720AL20			720AL22		

Diacap® PES low flux TECHNICAL DATA

Membrane	Polyethersulfone
Internal diameter	200 µm
Wall thickness	35 µm
Max. TMP	500 mmHg
Sterilization	Autoclave steam

* Availability upon request