Polyflux™ L

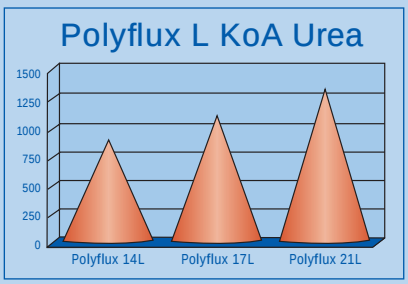
Gambro continues to lead the industry in product innovation

Polyamix™ Membrane

- Patented Three Layer Structure Membrane for stable and maximum permeability
- Microdomains on the fiber inner surface leading to improved biocompatibility profiles
- Smooth blood contact surface
- Micro Undulations for high diffusive mass transfer
- No protein binding on the fiber leading to stable clearance profiles
- Improved permeability for small and even large solutes
- Exclusive polymer blending

Polyflux™ L Design

- Advanced fiber distribution and geometry
  - Homogenous fiber distribution for improved blood and dialysate flows
- Enhanced header design
  - Thorough distribution of blood to all fibers
  - No stagnant areas, reducing clotting potential
- Smooth potting compound
  - Precise cutting of the polyurethane potting compound reduces clotting potential
- Steam Sterilization
  - Complete product sterilization
  - Improved biocompatibility for patients
  - No chemical residuals in the potting compound or fibers
- Polycarbonate housing
  - For strength and clarity of the dialyzer
- Reduced Priming Solution Volume
  - Only Gambro offers the Polyflux L with a 500cc priming solution recommendation
- Easy to use
  - Quick and simple set-up, saving staff time
  - Excellent deaeration during priming, reducing clotting and maintaining the high diffusive mass transfer
  - Improved rinseback with minimal rinsing solution compliments of the reduced thrombogenicity characteristics of the Polyamix membrane.



GAMBRO®

Polyflux™ L – To Optimize Treatment Delivery

Performance according to EN 1283

Clearances in vitro (ml/min) ±10%

Hemodialysis Q_D 500 ml/min, UF=0 ml/min	Polyflux 14L			Polyflux 17L				Polyflux 21L		
Q_B (ml/min)	200	300	400	200	300	400	500	300	400	500
Urea	190	252	293	194	264	310	342	275	328	364
Creatinine	171	214	241	179	230	262	284	246	283	310
Phosphate	152	183	203	163	200	224	240	218	247	267
Vitamin B_{12}	90	100	106	101	114	122	128	131	142	149

Hemodialysis Q_D 700 ml/min, UF=0 ml/min										
Q_B (ml/min)	200	300	400	200	300	400	500	300	400	500
Urea	194	267	319	197	276	336	380	285	353	403
Creatinine	178	229	264	185	244	284	313	258	206	341
Phosphate	160	197	221	170	213	242	264	231	266	292
Vitamin B_{12}	96	107	114	107	121	130	137	138	150	159

KoA	850	1027	1265
UF-coefficient (ml/h. mmHg) ±20%*	10.0	12.5	15.0
Priming volume (ml)	81	104	123
Fluid Volume for Priming (ml)	≥500	≥500	≥500
Residual blood volume (ml)	<1	<1	<1
Maximum TMP (mmHg)	600	600	600
Recommended Flow Rates (ml/min)	Q_B 200–400	Q_B 200–500	Q_B 300–500

Specifications

	Polyflux 14L	Polyflux 17L	Polyflux 21L
Effective membrane area (m^2)	1.4	1.7	2.1
Fiber dimensions (µm)			
Wall thickness	50	50	50
Inner diameter	215	215	215

Sterilizing agent	Sterile barrier	Quantity per case:
Steam	Medical grade paper	24

Components	Materials
Membrane	Polyamix™**
Potting material	Polyurethane (PUR)
Housing, caps	Polycarbonate (PC)
Sterile plugs	Polypropylene (PP)
Sealing ring	Silicone rubber (SIR)

**Polyamide, Polyarylethersulfone, Polyvinylpyrrolidone blend

These specifications are subject to change without notice.
For further information and operating instructions please refer to the Operator´s Manual.

GAMBRO® Renal Products

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