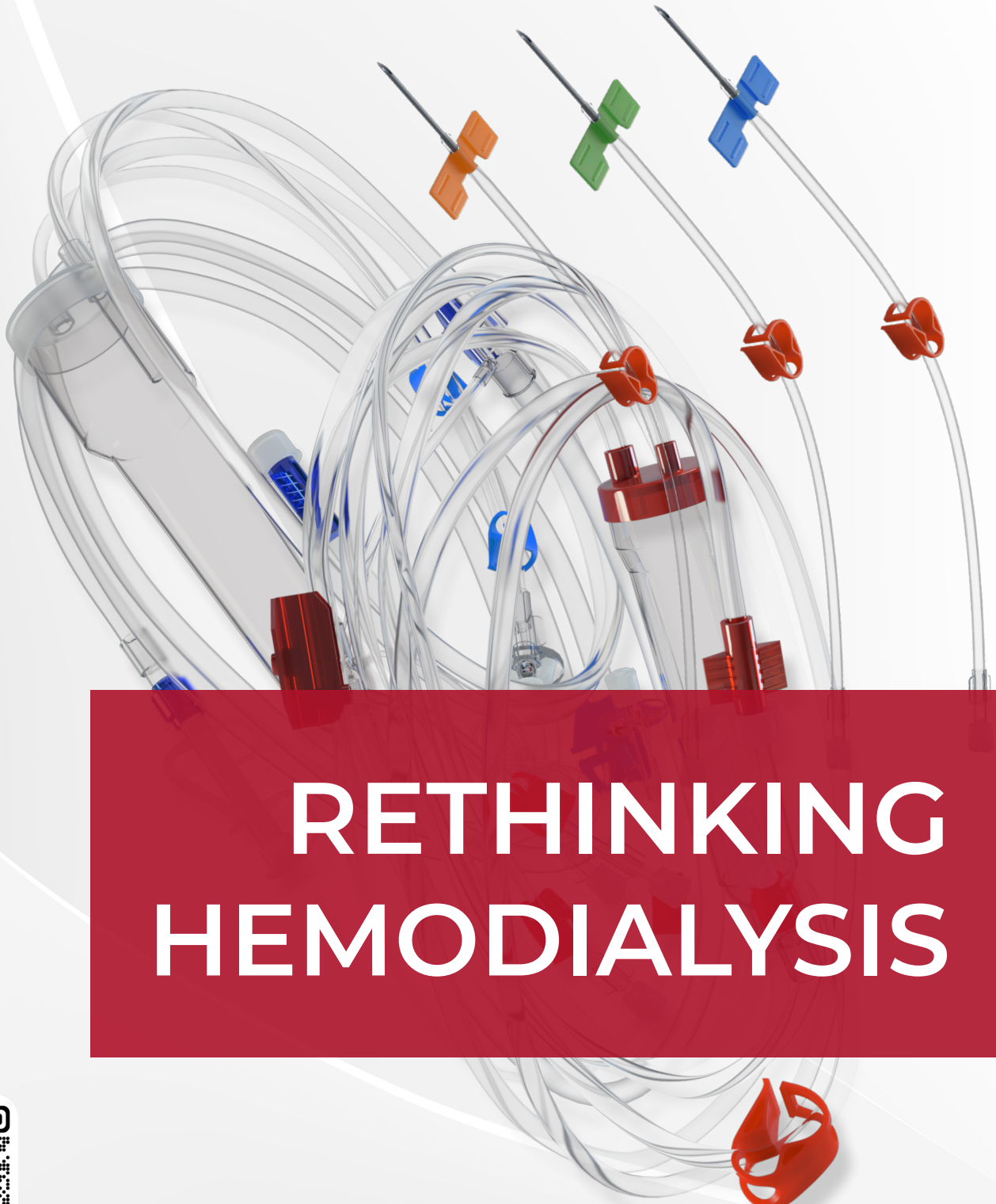


Nephro  Line™

Nephro  Needle™

**NephroCan**

FISTULA NEEDLES & BLOODLINES



# RETHINKING HEMODIALYSIS



2025



## CANADIAN LEADER IN HEMODIALYSIS



As a trusted Canadian provider, we are committed to delivering high-quality hemodialysis consumables, machinery, and equipment worldwide. Our goal is to ensure that our offerings are accessible and enhance patient care. We are dedicated to pioneering innovative therapies that revolutionize renal therapy, improving outcomes and enhancing the quality of life for patients globally.

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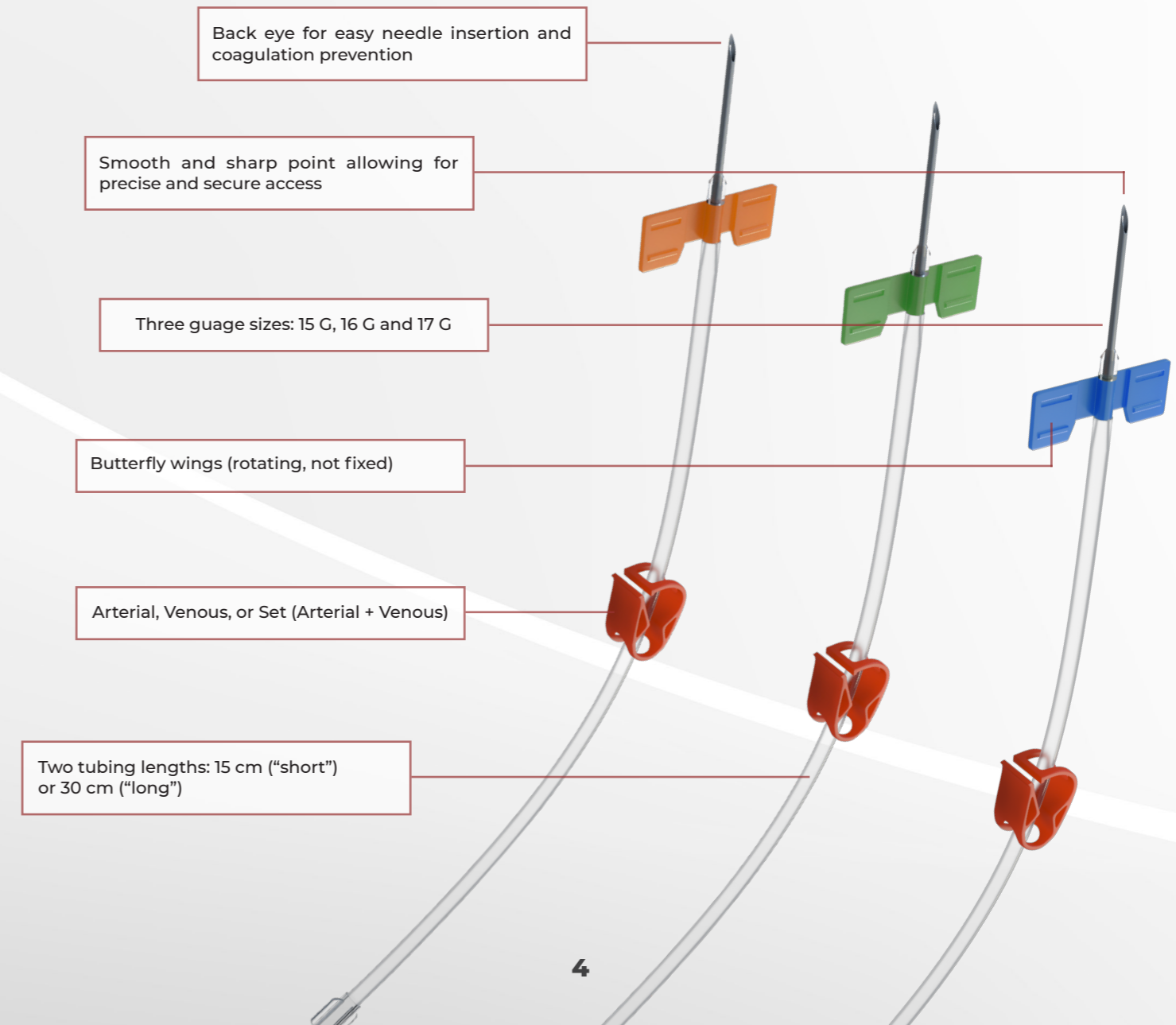


# FISTULA NEEDLES

Fistula Needle Specifications	
Product Name	Description
NephroNeedle15ASE	Arterial Line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15VSE	Venous line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15AVSE	Set, Arterial + Venous Line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15ASR	Arterial Line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle15VSR	Venous line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle15AVSR	Set, Arterial + Venous Line, 15G (1.8 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle15ALE	Arterial Line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15VLE	Venous line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15AVLE	Set, Arterial + Venous Line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle15ALR	Arterial Line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle15VLR	Venous line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle15AVLR	Set, Arterial + Venous Line, 15G (1.8 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle16ASE	Arterial Line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16VSE	Venous line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16AVSE	Set, Arterial + Venous Line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16ASR	Arterial Line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle16VSR	Venous line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle16AVSR	Set, Arterial + Venous Line, 16G (1.6 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle16ALE	Arterial Line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16VLE	Venous line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16AVLE	Set, Arterial + Venous Line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle16ALR	Arterial Line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle16VLR	Venous line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle16AVLR	Set, Arterial + Venous Line, 16G (1.6 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle17ASE	Arterial Line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17VSE	Venous line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17AVSE	Set, Arterial+ Venous Line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17ASR	Arterial Line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle17VSR	Venous line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle17AVSR	Set, Arterial + Venous Line, 17G (1.4 * 25 mm) 150 mm, Sterilized with Gamma Irradiation.
NephroNeedle17ALE	Arterial Line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17VLE	Venous line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17AVLE	Set, Arterial+ Venous Line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Ethylene Oxide Gas.
NephroNeedle17ALR	Arterial Line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle17VLR	Venous line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.
NephroNeedle17AVLR	Set, Arterial + Venous Line, 17G (1.4 * 25 mm) 300 mm, Sterilized with Gamma Irradiation.

# NEPHRONEEDLE CHARACTERISTICS

Hemodialysis fistula needles, such as our NephroNeedles™, are specialized medical devices crafted to provide vascular access during hemodialysis treatment. These needles are specifically designed for repeated insertion into an arteriovenous fistula—a surgically created connection between an artery and a vein that ensures the high blood flow necessary for effective dialysis. With quality and safety as top priorities, NephroNeedles™ are engineered to prioritize patient comfort. They offer precise and gentle insertion, enhancing the dialysis experience while minimizing the risk of infection or contamination. Each needle is constructed to meet rigorous standards, ensuring secure and reliable access every time.



# BLOODLINES

# NEPHROLINE CHARACTERISTICS

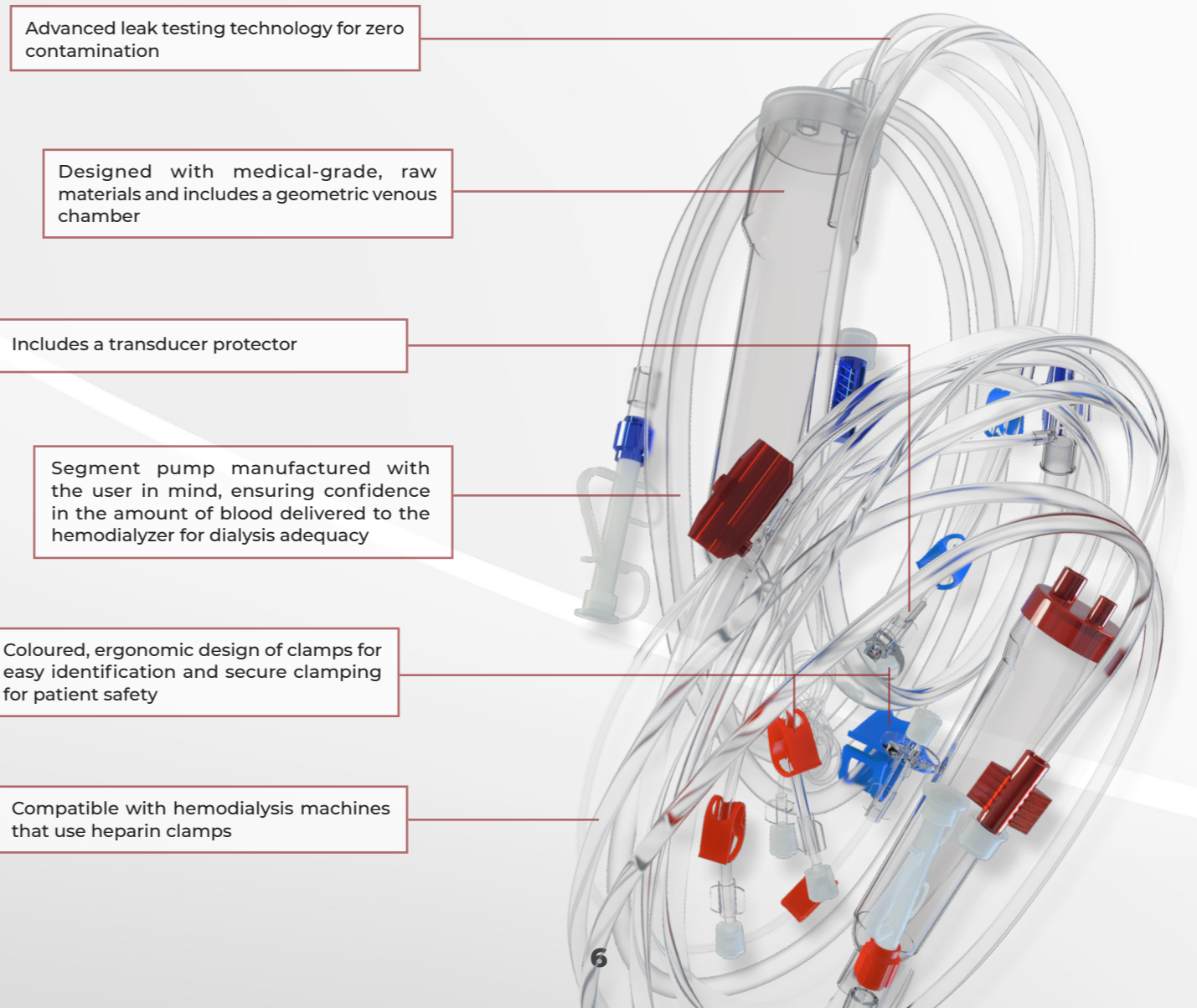
Bloodlines Specifications

Product Name	Description	Pump Segment Dimensions in mm			Blood Priming Volume in mL	
		O.D.	I.D.	Length	Arterial	Venous
NephroLine U	Universal model, without drain bag, ETO sterilized, contains DEHP	9.8	6.5	380	82	62
	Universal model, without drain bag, ETO sterilized, DEHP-free				91	70
	Universal model, without drain bag, Gamma sterilized, DEHP-free				91	70
NephroLine U+B	Universal model, with spike and drain bag, ETO sterilized, contains DEHP	9.8	6.5	380	82	62
	Universal model, with spike and drain bag, ETO sterilized, DEHP-free				91	70
	Universal model, with spike and drain bag, Gamma sterilized, DEHP-free				91	70
NephroLine B	B-Braun model, without drain bag, ETO sterilized, contains DEHP	12.0	8.0	380	92	72
NephroLine B+B	B-Braun model, with drain bag ETO sterilized, contains DEHP	12.0	8.0	380	92	72
	B-Braun model, with drain bag, ETO sterilized, DEHP-free	9.8	4.5	340	90	80
	B-Braun model, with drain bag Gamma sterilized, DEHP-free	9.8	4.5	340	90	80
NephroLine G	Gambro model, Without drain bag, ETO sterilized, contains DEHP	12.0	8.0	380	90	62
NephroLine G+B	Gambro model, with drain bag, ETO sterilized, contains DEHP				90	62
	Gambro model, with drain bag, ETO sterilized, DEHP-free				89	71
	Gambro model, with drain bag, Gamma sterilized, DEHP-free	89	71			
NephroLine F	Fresenius model, without drain bag, ETO sterilized, contains DEHP	9.8	6.5	380	82	76
NephroLine F+B	Fresenius model, with drain bag, ETO sterilized, contains DEHP				82	76
	Fresenius model, with drain bag, ETO sterilized, DEHP-free				88	67
	Fresenius model, with drain bag, Gamma sterilized, DEHP-free	88	67			
NephroLine N	Nipro model, with spike and without drain bag, ETO sterilized, DEHP-free	12.0	8.0	263	69	69
	Nipro model, with spike and without drain bag, Gamma sterilized, DEHP-free	12.0	8.0	263	69	69
NephroLine K+B	Nikkiso model, with drain bag, ETO sterilized, DEHP-free	12.0	8.0	270	138	240
	Nikkiso model, with drain bag, Gamma sterilized, DEHP-free	12.0	8.0	270	138	240

Hemodialysis bloodlines, such as our NephroLine™ series, are critical components of the dialysis machine setup, designed to transport blood to and from the patient's body during hemodialysis treatment. These tubing systems consist of both arterial and venous lines, connecting the hemodialyzer to the patient's vascular access site. Crafted from biocompatible materials, the NephroLine™ ensures the safe and efficient passage of blood.

This product is offered in a range of models that are compatible with all hemodialysis machines, created with three essential objectives in mind: optimizing clinical performance, providing versatility for different patient treatments, and ensuring ease of use for medical professionals.

NephroLine™ is designed in compliance with BS EN ISO 8637-2 requirements.



Advanced leak testing technology for zero contamination

Designed with medical-grade, raw materials and includes a geometric venous chamber

Includes a transducer protector

Segment pump manufactured with the user in mind, ensuring confidence in the amount of blood delivered to the hemodialyzer for dialysis adequacy

Coloured, ergonomic design of clamps for easy identification and secure clamping for patient safety

Compatible with hemodialysis machines that use heparin clamps



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