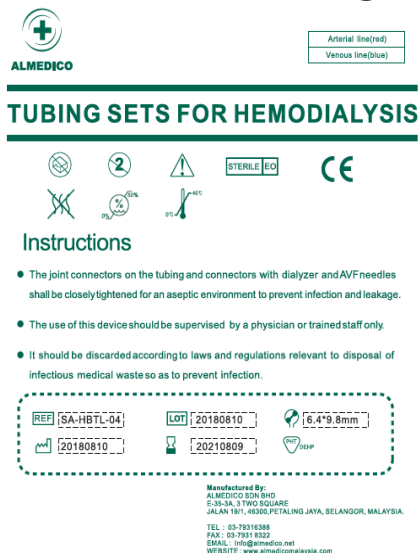


## HEMODIALYSIS BLOODLINE TUBING SET



arterial line in red

venous line in blue

**Hemodialysis Blood Line Tubing Sets** can be used together with Hemodialysis Dialyzer, Hemodialysis Needle and Hemodialysis Machines. Recirculating Connector, Transducer Protector, and Female Luer Cap can be auxiliary accessories when needed.

CODE		TUBING SET DESCRIPTION (Ethylene Oxide Sterilized Extracorporeal Blood Circuit)	
SA-HBTL-01		BLOODLINE (Pump OD 6.3*9.8mm)	
SA-HBTL-04		BLOODINE 3 IN 1 (1 Transducer Protector, 1 IV Set, 1 Filter, extra Recirculating cap, Pump OD 9.8mm)	
SA-HBTL-08		BLOODINE 3 IN 1 (2 Transducer Protector, 1 IV Set, 1 venous line drip chamber with filter, Pump OD 9.8mm)	
SA-HBTL-09		BLOODINE 3 IN 1 2 Transducer Protector, 1 IV Set, 1 venous line drip chamber with filter, Pump OD 12.2mm	
SA-HBTL-57		BLOODINE 4 IN 1 (2 pcs transducer protector, 1 pc IV line, 1 pc filter, 1 pc priming bag, Pump 7*10)	
FEATURE			
Part Name		Material	Function
Dialyzer Connector		PVC (Polyvinyl Chloride)	Connect with both ends of dialyzer for transfusion.
Dialyzer Connector Cap		PP (Propene Polymer)	To prevent foreign matter entering when manufacturing or opening for use.
Chamber		PVC (Polyvinyl Chloride)	When blood flowing from access into chamber, could bring a little bit air bubble, the enlarged space in the chamber can make the blood stay appropriate time, then the air bubble in blood can mix together and largen & risen so as to fracture, it's for achieve the goal of eliminate air bubble in blood.
Filter		PP (Propene Polymer)	Since it is possible to exist blood clotting in treatment, the filter can filtrate blood clot, so the blood clot cannot go into the patient's body.
Heparin Line		PVC (Polyvinyl Chloride)	Assess to inject heparin, length is based on its position in the hemodialysis machine.

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Feature		
Part Name	Material	Function
Main Tubing	PVC (Polyvinyl Chloride)	Transport patient's blood.
Branch Tubing	PVC (Polyvinyl Chloride)	Transport nutrient solution or drugs.
On-off Clamp	PP (Propene Polymer)	Used on the main tubing and branch tubing, control open and close of bloodstream access through its opening & closing.
Pump Segment	PVC (Polyvinyl Chloride)	Good elasticity for the pump tubing body, used cooperatively with blood pump of the hemodialysis machine. When in rotation process, blood pump squeezes the pump tubing and generate positive pressure, and blood pump loosens makes rebound of pump tubing to generate negative pressure, so as to transport blood.
Pump Connector	PVC (Polyvinyl Chloride)	Connect for both ends of pump tubing, with main tubing, pump tubing and heparin tubing.
Sampling Port	PVC (Polyvinyl Chloride)	For blood sampling before or after treatment, needle head puncture through the silicone stopper to sampling.
FLL	PVC (Polyvinyl Chloride) PC (Polycarbonate)	Luer conical degree connector with international standard, can be used cooperatively with luer connector with male luer lock, such as injection syringe.
FLL Cap	PE (Poly Ethylene)	Used cooperatively with female luer lock, seal for the sake of foreign matters entering.
Patient Connector	PVC (Polyvinyl Chloride)	Luer conical degree connector with international standard, can be used cooperatively with luer connector with female luer lock, such as puncture needle tube.
Priming Sets	ABS (Acrylonitrile Butadiene Styrene)	When pre-flushing for the blood lines, puncture into the saline bag or bottle. Priming Volume 120-160ml.
Transducer Protector	PVC (Polyvinyl Chloride)  Filter paper	Connected with hemodialysis machine through luer lock, gas can pass through the inner filter paper and transmit pressure onto the machine, so as to monitor inner pressure in therapeutic process, in which preventing too high or too low pressure which result in patient hurt, meantime preventing liquid entering into the machine which result in component failure.
Drain Bag	PVC (Polyvinyl Chloride)	Collect the waste fluid
Re-circulation Connector	PP (Propene Polymer)	Link the arterial line and venous line through connecting with tip for patient connector on them when pre-flushing, meantime to prevent the tip for patient connector falling to ground to cause pollution. This part is not indispensable, it depends on customers' requirements.

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