

DIALYSIS MEMBRANES

Product size	Product Name
LA387	Dialysis Membrane-50
LA390	Dialysis Membrane-60
LA393	Dialysis Membrane-70
LA395	Dialysis Membrane-110
LA398	Dialysis Membrane-135
LA401	Dialysis Membrane-150

A regenerated seamless cellulose tubing, membrane is partially permeable and has molecular weight cut off between 12000 to 14000. Pore size is 2.4 nanometers; ideal for filtration and osmosis work.

The dry membrane should be stored away from direct sunlight in a minimum relative humidity of 35% at a temperature of 23⁰C. Membranes keep well under these conditions but should always be examined to ensure no drying out has occurred.

The impurities present as a result of the manufacturing processes may be removed by various methods depending upon how clean the membrane has to be for your purposes.

Some cleaning of the membrane is necessary in all cases because the glycerine must be removed before the membranes function properly. The simplest method which will remove the glycerine is washing the membrane in warm water. For more complete cleaning these methods are recommended.

Cleaning Methods 1

The glycerine can be removed by washing the tubing in running water for 3-4 hours. Removal of sulphur compounds may be accomplished by treating the tubing with sodium sulphide solution (0.3%) at 80⁰C for 1 minute, wash with hot water (60⁰C) for 2 minutes, followed by acidification with sulphuric acid (0.2%), and washing with hot water to remove the acid.

Cleaning Method 2

Heat the membrane in a large volume of 2% sodium bicarbonate and 1 millimolar EDTA at 80⁰C for 30 minutes. Rinse the tubing thoroughly in pyrogen-free distilled water.

After cleaning, the membranes should be stored, fully immersed, in one of the following; 1% Formaldehyde, 1% sodium benzoate or 0.1% sodium azide solutions, at 4⁰C. If the membrane is to be stored for only a short period it will be possible to immerse the membrane in distilled water, ensuring full coverage at all times.

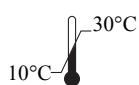
Product code	Packing	Product name	Specifications
LA387-1MT LA387-5MT LA387-10MT LA387-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-50	Av. Flat width: 22.54 mm Av. Diameter: 14.3 mm Capacity Approx: 1.61 ml/cm
LA390-1MT LA390-5MT LA390-10MT LA390-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-60	Av. Flat width: 25.27 mm Av. Diameter: 15.9 mm Capacity Approx: 1.99 ml/cm
LA393-1MT LA393-5MT LA393-10MT LA393-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-70	Av. Flat width: 28.46 mm Av. Diameter: 17.5 mm Capacity Approx: 2.41 ml/cm
LA395-1MT LA395-5MT LA395-10MT LA395-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-110	Av. Flat width-31.13 mm Av. Diameter-21.5 mm Capacity Approx: 3.63 ml/cm
LA398-1MT LA398-5MT LA398-10MT LA398-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-135	Av. Flat width: 33.12 mm Av. Diameter: 23.8 mm Capacity Approx: 4.45 ml/cm
LA401-1MT LA401-5MT LA401-10MT LA401-30MT	1 mt 5 mt 10 mt 30 mt	Dialysis Membrane-150	Av. Flat width: 37.70 mm Av. Diameter: 25.4 mm Capacity Approx: 5.07 ml/cm
LA653-10 MT	10 mt	Dialysis tubing Size	Diameter 8/32, 6.3 mm
Other accessories LA404-10NO	 10 no.	 Dialysis Closure Clips	 A perfect Closure device for dialysis tubing of lay flat width from 4 mm to 55 mm.Clips are made of robust polypropylene which allows repeated use without any reduction in its function.

Performance and Evaluation

Performance of the product is expected when the product is stored at recommended temperature and within the expiry period.

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



HiMedia Laboratories Private Limited,
Reg. Off: Plot No. C-40, Road No. 21Y,
MIDC, Wagle Industrial Area, Thane,
(West) 400604, Maharashtra, INDIA.
Web: www.himedialabs.com



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HiMedia Laboratories Pvt. Ltd. Reg.office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: techhelp@himedialabs.com Website: www.himedialabs.com