



UniSart™
CN Membranes
High performance
lateral flow membranes

UniSart™ CN Membranes

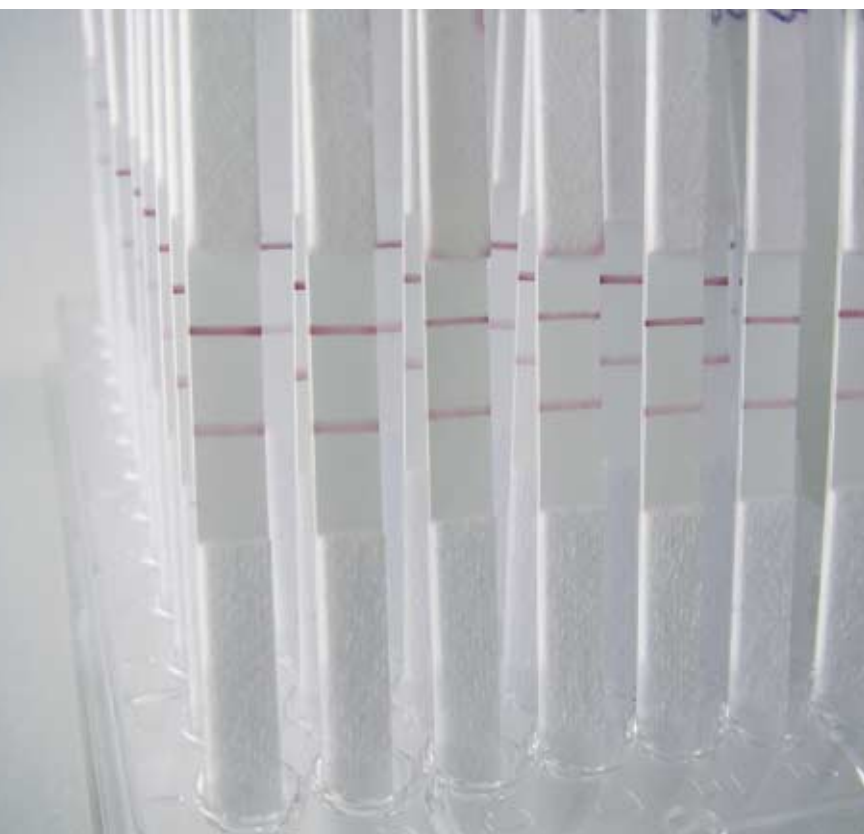
Cellulose nitrate membrane is the material of choice for lateral flow immunochromatographic diagnostic tests. The unique properties of cellulose nitrate polymers together with its microporous structure makes this material the ideal solid phase substrate for all lateral tests. Our UniSart cellulose nitrate membrane family provides diagnostic kit manufacturers with membranes that meet their expectations:

- High binding capacity
- Defined & precise capillary speed
- Smooth membrane surface free of dust and defects
- Tight thickness control
- High intra and inter lot consistency

From application know-how...

At Sartorius, detailed application know-how is a corner stone for the development and manufacturing of membranes in general and specifically for the diagnostic industry. We invite you to take advantage of our new application lab and its state-of-the-art equipment, offering the following services to our customers:

- Detailed membrane characterization and testing
- Bubble-jet or contact line printing
- Quantitative reading of signal line intensities
- Evaluation of overall strip performance
- Accelerated storage testing
- General trouble shooting in collaboration with the customer



...to state-of-the-art large scale manufacturing



Sartorius, started the first ever industrial production of cellulose nitrate membranes in 1929. Since then, our manufacturing technology has continually improved. Today, diagnostic membranes are cast, slit and packed in our new plant on state-of-the-art casting machines, fulfilling ISO 9001 requirements using a unique and patented process. A tradition for quality combined with the highest industrial standards and our in-house application know-how enable us to produce diagnostic membranes with outstanding performance, quality, and consistency. Challenge us, our new plant is ready to welcome you for a visit or a thorough audit.

Quality Assurance

All membranes must pass an extensive examination protocol before being released. Only material which fulfils all requirements of the specification will be approved for customers. With each shipment the customer receives a certificate of analysis confirming the quality of the supplied material.

Available materials and dimensions

- UniSart membranes can be ordered either in an unbacked or backed format. Backed membranes are directly cast onto a polyester film.
- All membrane types are available in roll stock or as flat sheet.
- Custom membrane materials and dimensions are available upon request.

For detailed information on our standard materials please have a look at the technical data sheets of UniSart unbacked and backed membranes.

Please contact our diagnostic team for assistance or for further information at: unisart@sartorius.com



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