

Membrane Storage Guide

Flat Sheet Membrane

The following are recommendations for handling and storage of TRISEP® and NADIR® flat sheet membrane. For additional storage or handling instructions, please contact MANN+HUMMEL Water & Fluid Solutions Technical Service.

STORAGE OF FLAT SHEET MEMBRANE

Dry Membrane

Most of TRISEP and NADIR flat sheet membrane is shipped dry. Dry membrane is bagged and sealed in a plastic bag and does not require any preservation solution. It is recommended to keep the dry membrane in its sealed bag until its intended use.

For storage of dry flat sheet membrane, the following steps are recommended:

- Store membrane inside a cool building or warehouse and not in direct sunlight.
- TRISEP temperature limits for storage: -4°C to 35°C (22°F to 95°F).
- NADIR temperature limits for storage: 5°C to 30°C (41°F to 86°F).
- All new membrane being stored prior to use should remain in its original packaging.

Wet Membrane

Some TRISEP flat sheet membrane is supplied wet, in a rolled format for shipment.

For optimal storage and performance:

- Membranes must be kept away from direct sunlight and are best kept refrigerated at 4 to 7°C (40 to 45°F). This prevents biological growth and oxidation of the residual organic amines in the membrane.
- If membrane is kept in refrigerated storage, it should be used within 60-90 days of receipt. If membrane is not kept in refrigerated storage, it should be used within 30 days to avoid biological growth.

HANDLING FLAT SHEET MEMBRANE

When handling TRISEP and NADIR flat sheet, use butyl or nitrile gloves to prevent contact with residual organic amines as well as preventing oil from hands coming into contact with the membrane.

IMPORTANT: The first one to two (1 - 2) wraps of membrane may be damaged in shipment and should be inspected for damage or discarded.

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