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Product Information, DuPont bulletin 98-04

## NAFION N-324

### Description

Nafion® N-324 is a perfluorosulfonic acid cation exchange membrane combining outstanding chemical resistance with a strong polytetrafluoroethylene fiber reinforcement. It may be used for chloroalkali production and a variety of electrolytic processes.

### Performance

Laboratory Cell (45 cm<sup>2</sup> active area)\*

Membrane Type	Cell Voltage (V)	Current Efficiency (%)	NaOH (%)
N-324	3.53	88	10
	3.53	88	14
	3.50	84	20

\*Conditions: 3 mm gap, DSA anode, steel cathode, 90 deg. C

### Form

Nafion® N-324 is shipped in the "DRY" H<sup>+</sup> form. "DRY" H<sup>+</sup> membranes require simple pre-treatment in alkaline water. Refer to Nafion® Technical Bulletin No. 93-01 for "DRY" H<sup>+</sup> + membrane pretreatment

To ensure optimum performance of Nafion® N-324 in a commercial electrolyzer, please contact Ion Power, Inc.

Note: The side marked CATH must be installed facing the cathode, otherwise, the membranes will be irreversibly damaged in use.

[Material Safety Data Sheet on Nafion N-324](#)

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