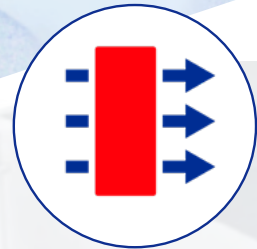


CO₂ SEPARATION MEMBRANE

Space and Energy Efficient Gas Separation Membrane
Enabling Carbon Capture



TO PERMEATE

The fusing of Nitto core technologies of membrane modularization technology with macromolecular design and coating technology has produced an amazing membrane that separates CO₂ from exhaust gases discharged from plants and other facilities.

Our membranes have outstanding energy efficiency, space efficiency, safety and ease of use. The active collection of CO₂ discharged from production plants, and subsequent reclamation and reuse, contributes to a decarbonized society.



small physical
footprint



energy efficient



easy
maintenance



limited
investment

Nitto

Innovation for Customers

April 2024