



INNOVATIVE NANOFILTRATION (NF) SOLUTIONS

Greenchain Group’s NF systems have proven to be reliable, affordable, easy to operate & provide unbeatable water quality. Our professional engineering team has an in-depth understanding of membrane technology, which enables us to design & manufacture NF systems that excel in all areas of this value chain. Our systems are all designed & manufactured in-house, with reliable & cost-effective components sourced from all over the world.

We streamline the deliverable from start to finish: process design, documentation, project management, manufacturing, quality control, installation & maintenance.

SUPERIOR WATER QUALITY

Continuously remove targeted contaminants with peace of mind

SUPPORT

Whether it's spare parts or services, we have you covered

CUSTOMIZED DESIGNS

Tailor-made NF systems for the required water source

RELIABLE

Meticulous quality control & detailed design for improved longevity

LOCALLY MANUFACTURED

Purpose-built NF solutions unrivaled by imported systems

**PREMIUM
NANO-FILTRATION
(NF) SYSTEMS**

AFFORDABLE

Economical payback periods from CAPEX to OPEX

ENGINEERED SOLUTIONS

A complete process design including all the required building blocks & documentation

AUTONOMOUS

Seamless control from standard inputs to advanced online control systems





WHAT IS NANOFILTRATION (NF)?

Nanofiltration (NF) is a type of membrane technology used to separate target contaminants from a liquid stream. The density of the membrane determines the size of the contaminant removed, where NF is normally used to remove divalent molecular dissolved content such as hardness, colour, toxins, pesticides, inorganic metals & more. It produces a virtually pure water on the permeate side & concentrated waste on the reject side. NF utilizes mechanical separation by means of a pressure driven membrane to produce consistent quality regardless of inlet fluctuations. The possibilities & applications of NF are endless.

REMOVES DIVALENT MOLECULAR DISSOLVED CONTENT

HARDNESS • COLOUR • TOXINS • PESTICIDES • INORGANIC METALS • & MORE...

NF SOLUTIONS



Guaranteed quality



Low pressure RO



Spiral wound membranes



Selective rejection



Energy efficient



High throughput



SCAN ME

