

# 04 3ENF-10 NF MEMBRANE

## Introduction

3ENF-10 series is nanofiltration membrane with high water flux and impurity removal rate, suitable for residential applications.

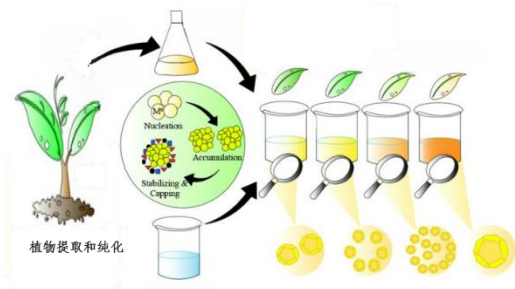
It can be used for:

- Removing hardness to reduce hair and skin irritation during showering;
- Removing viruses and bacteria in tap water treatment and transportation to ensure drinking water health;
- Retaining beneficial body minerals for health;
- Low energy consumption and cost systems, easy for end-users.



## Applications

- Zero liquid discharge
- Material separation, plant extraction and purification
- Household drinking water terminal purification
- Household water softener (whole-house water purification)
- Seawater desalination pre-filtration



## Parameters

Mat'l	Module No. (Size, mm)	Eff. Mem. Area: m <sup>2</sup>	Designed Water Flux t/module/day	Salt Rejection (%) 2000ppm MgSO <sub>4</sub>	Max Free-Chloride Resistance; ppm	Max Opt. Pressure / (Max pH Range)
PES	3E-160NF10F (Ø160×1200)	23.5±0.5	25.5±1.0	17.0±3.0	1000	5.0bar/(2-12)
	3E-200NF10F (Ø200×2000)	63.0±0.5	68.5±1.0	17.0±3.0	1000	5.0bar/(2-12)
Test Conditions	1) Water temperature 25°C; pH 7.5-8.0, test pressure 3.0bar; 2) Outside-in membrane module, temperature 5-40°C, max. backwash pressure 0.5bar, max. operating 3.0bar 3) ID/OD: 0.50/0.98mm					

Note: For engineering design parameters and information, please consult with our technical staff and obtain the latest version of the technical manual.