



### Application:

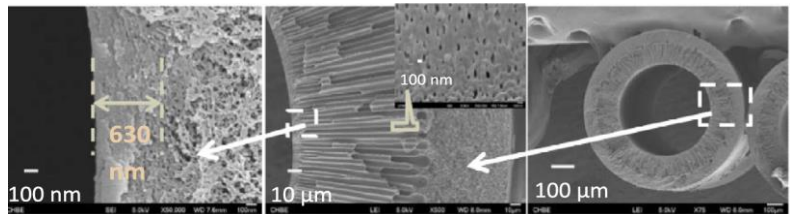
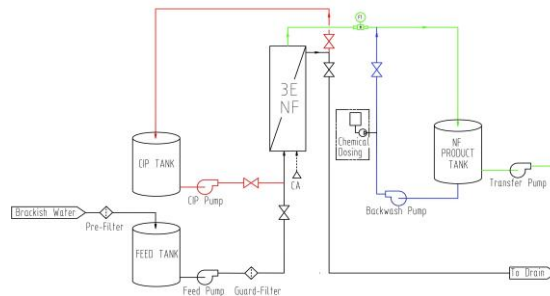
- Wastewater with high biological and organic fouling potential
- Textile wastewater treatment
- Cooling tower blowdown water recycle
- Water treatment of coal mine
- Oily wastewater treatment
- Material separation and recycling

3E-NF60 Series NF membrane has high water flux and medium rejection, which are widely used in textile industry and industrial wastewater with organic fouling. It not only removes the TDS but also can remove biofouling materials, highly improve the quality of the purified water

3E-NF60 Series NF membrane has 60% rejection of 2000PPM MgSO<sub>4</sub>, it can be used for:

- 1). dye compounds removal
- 2). TDS reduction
- 3). Biofouling material removal
- 4). Organic pollution reduction

SCHEMATIC DIAGRAM  
3E NF FOR BRACKISH WATER TREATMENT



Mat'l	Series	Eff. Mem. area, m <sup>2</sup>	Water Flux T/day	Salt rejection 500ppm NaCl	Salt rejection 2000ppm MgSO <sub>4</sub>	** Max recovery rate; %	Max operating pressure; bar	Max pH range	Max Free-chloride resistance; ppm
PES	3E-90NF80A	9.8±0.5	6.4±0.5	51.2±3	63.7±3	38.4%	8.0	1-10	1000
	3E-160NF80A	47±0.5	30.4±0.5	51.2±3	63.7±3	38.4%	8.0	1-10	1000
	3E-250NF80A	100±0.5	65.3±0.5	51.2±3	63.7±3	38.4%	8.0	1-10	1000
Test conditions		Water temperature: 25°C; pH: 7.5-8; Test pressure: 5.0bar							
Note		** max recycle rate per membrane module is tested without recycling of system concentrated water; present recycle rate per membrane module is 15%; max 18%.							

Note: for detailed technical profile, please discuss with our technician.

For more information, contact:

Telephone: +65 62056498, +65 65159384

Mobile (WhatsApp & Skype): +65 92376398

Email: [sales@sgbom.com](mailto:sales@sgbom.com)

Website: [www.3ememtech.com](http://www.3ememtech.com)

3E Memtech Pte LTD

(A subsidiary of BlueOcean Memtech Pte Ltd)

84 Toh Guan Rd E, #04-01

PUB Water Hub, S'pore 608501