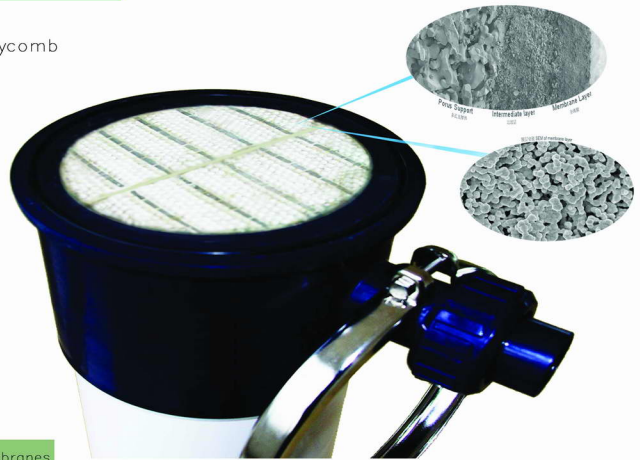


# PCR

## Low Cost Honeycomb Ceramic Membranes

PCR series membranes are made of ceramic in honeycomb structure. Compared with hollow fiber membranes, PCR  $Al_2O_3$  membranes have the following advantages:

- \*Fine separability down to Ultrafiltration
- \*Excellent abrasive resistance
- \*Acid&Caustic stability
- \*Oxidation stability
- \*High strength
- \*CEB & Backflushable
- \*Large loading area with low cost
- \*Same dimension as hollowfiber membranes



Items	PCR Membranes	Hollowfiber Membranes
Flux	60–250l/mh	18–50l/mh
Feed Turbidity	<1500	<100
Feed TSS	<3000mg/L	<200mg/L
Feed TOC	<100mg/L	<30mg/L
Feed Coagulant	<200mg/L	<30mg/L
Recovery Yield	>98%	>96%
Filtration Interval	1–2hrs	0.25–0.7hrs
CEB (Chemical Enhanced Backflush)	2–4days	1–2days
CIP Interval	6months	1 month

Nanjing Tangent Fluid Technology Co. Ltd (TFT) is a solution provider for membrane filtration & separation in process industry. TFT have been producing and developing tubular ceramic membranes, which have been widely applied for solid-liquid separation in food&beverage, petrol chemical, pharmaceutical, and waste water treatment. We can act as an OEM manufacturer to design and make MF/UF/NF membrane filtration machines as per customer's requirement. We can offer you full range product from MF/UF ceramic membrane, Zeolite Pervaporation membrane, Lab pilot unit, Scaled-up membrane system.

TFT has a professional management and technical team with skilled experience of many years and hundreds of references on membrane technology. Working closely with partners, we endeavor to offer you special and professional technical service and support, like evaluation, design, installation and commission. We are willing to share and cooperate with you on efficient and integrated membrane technology for separation, purification, dehydration & concentration.



PCR Membrane Module

### PCR Membrane Model&Specification

Model	Membrane Area	Outside Diameter	Pore Size	Length	Channel ID	Channel Qty
PCR-3045H	2.6m <sup>2</sup>	80mm	100nm	1160mm	2.5mm	191pcs
PCR-6040H	8.8m <sup>2</sup>	140mm	100nm	1016mm	2.5mm	728pcs
PCR-6045H	10.0m <sup>2</sup>	140mm	100nm	1160mm	2.5mm	728pcs

### Products and Service:

- \* Ceramic Membranes & Module
- \* Membrane Mainkid on OEM purpose
- \* Process Design & Analysis
- \* Process Intergration
- \* System Optimization & Maintenance
- \* Membrane Replacement

You will find a solution in TFT!



Nanjing Tangent Fluid Technology Co., Ltd.

Add: No.202-98, Nanjing Pukou  
 Yangning Industrial Park, Jiangsu, PRC  
 Tel: +8625 8680 4049 Fax: +8625 8680 4046  
 Http: www.tftfluid.com Mail: info@tftfluid.com

