



# DBA100 INORGANIC CERAMIC MEMBRANE ELEMENT

#### Performance Characteristics

The ceramic membrane is a high-tech technology in the field of nano-scale separation, featuring good corrosion resistance and high temperature resistance. The filtration form is "cross-flow" filtration. Under the pressure-driven, the raw material liquid flows through the membrane tube, the small molecular components pass through the membrane, while the macromolecular components are intercepted by the membrane, thereby realizing low-temperature separation, concentration and purification of the nano-scale substances in the fluid.

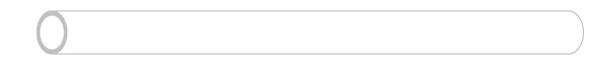
Delemil ceramic membranes cover three levels of micro-filtration, ultra-filtration and nano-filtration. The length can be customized in the range of 100~1,200mm.

### Membrane Specifications

#### **Parameters of Membrane Element**

Model	Outer Diameter	Channel	Standard	Membrane Area
	(mm)	Number(n)	Length(mm)	(m²)
DBA100	20	1	1060	0.052

## **Schematic Diagram and Dimensions**



Category	Aperture (nm)	MWCO (Da)	Operating Temperature	Operating PH		
Ceramic Microfiltration Membrane	70-800		<b>-10-150</b> ℃	0-14		
Ceramic Ultrafiltration Membrane	3-30nm	2000-100000	<b>-10-150</b> ℃	0-14		
Ceramic Nanofiltration Membrane	0.9-1nm	200-750	<b>-10-150</b> ℃	0-14		
Length: It can be customized within 100-1200mm.						