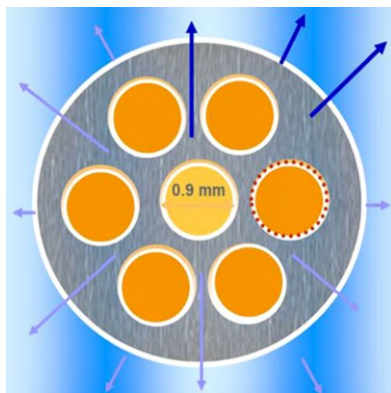
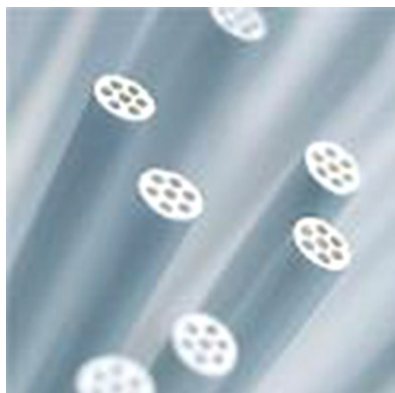


## Internal Pressure Type UF Membrane Module

## SEMAST™ 0.9 MB 40 C

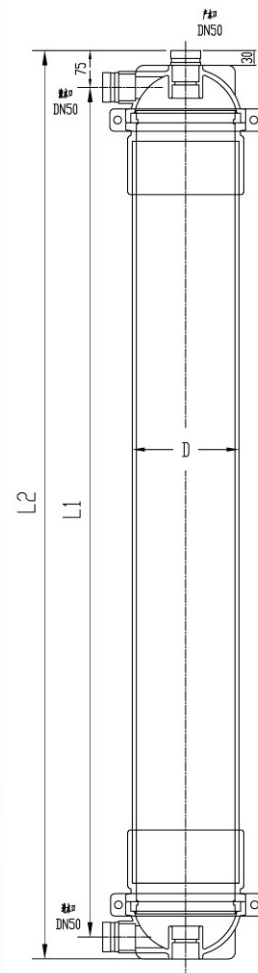


### Membrane module size

| Module data                    | 0.9 MB 40 C |                |       |        |
|--------------------------------|-------------|----------------|-------|--------|
| Active membrane area           | 40          | m <sup>2</sup> | 431   | sq.ft. |
| Inlet center distance L1       | 1730        | mm             | 68.11 | inch   |
| Total len with endcap L2       | 1850        | mm             | 72.83 | inch   |
| Outer diameter filtrate tube D | 200         | mm             | 7.87  | inch   |

### Membrane data

|                       |      |    |
|-----------------------|------|----|
| Capillaries per fiber | 7    |    |
| Inner diameter        | 0.9  | mm |
| Pore size             | 0.02 | μm |
| Material              | PESM |    |



## Internal Pressure Type UF Membrane Module

**SEMAST™**  
**0.9 MB 40 C**

### Technical data

#### Cleaning/disinfection chemicals

|                                                 |                        |              |
|-------------------------------------------------|------------------------|--------------|
| Free chlorine                                   | max.200<br>max.200,000 | ppm<br>ppm×h |
| H <sub>2</sub> O <sub>2</sub> Hydrogen peroxide | max.500                | ppm          |
| pH range                                        | 1-13                   |              |

#### Flux rate

|            |         |     |
|------------|---------|-----|
| Filtration | 60-180  | lmh |
| Backwash   | 230-250 | lmh |

#### Transmembrane Pressure (TMP)

|                   |         |     |
|-------------------|---------|-----|
| Filtration        | 0.1-1.5 | bar |
| Backwash standard | 0.3-3.0 | bar |
| Burst pressure    | > 10    | bar |

#### Material

|         |       |
|---------|-------|
| Housing | PVC-U |
|---------|-------|

#### Operation parameters

|                   |      |    |
|-------------------|------|----|
| Temperature range | 0-40 | °C |
|-------------------|------|----|

#### Attention:

Ensure adherence to NYMOI® ultrafiltration membrane components' operation manual to qualify for quality assurance. For warranty claims, submission of relevant documents as per NYMOI's requirements is imperative. Any deviation from the operation manual or any other guidelines necessitates obtaining written permission from our company. Failure to comply poses a risk to the warranty coverage.



All data provided in this document has been tested and is true and reliable. However, due to differences in various application conditions and test methods, none of the listed data shall be deemed as a guarantee or warranty.