

# **TECHNICAL DATASHEET** MexFil™ WED200 UF075

## **PRODUCT DESCRIPTION**

The MexFil™ WED200 UF075 ultrafiltration elements can be used for:

- Applications to treat ground and surface water, and for reuse of industrial or municipal wastewater effluents;
- The removal of particles, turbidity, TOC, bacteria, and viruses;
- Production of potable water and process water;
- Inside-out operation, typically in a semi dead-end filtration mode, cleaning by a regular backwash supported by a chemically enhanced backwash, providing perfect control of the membrane fouling rate;
- Horizontal installation inside a pressure vessel being plug-and-play compatible for the replacement of elements in existing installations.

The unique hollow fiber UF075 ultrafiltration membrane has an average pore size of less than 15 nm providing an improved fouling behaviour compared to existing ultrafiltration membranes.

## **MEMBRANE SPECIFICATIONS**

Membrane material Modified PES Nominal MWCO\* 75,000 Da

Membrane charge Negative charge @ pH=7 Nominal fiber ID

0.8 mm

1528 mm

42 mm

40 m<sup>2</sup>

200 mm (8 inch)

## **ELEMENT SPECIFICATIONS**

#### **Dimensions**

Length (L1) Outer diameter housing (D1) Inner diameter permeate tube (d1)

Nominal membrane area

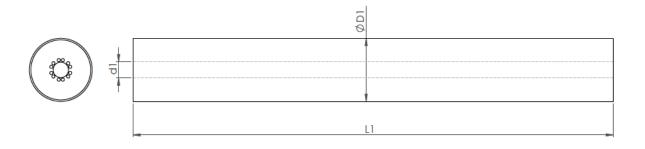
## Connections

Type Interconnectors (available on request)

End connectors (pressure vessel specific dimensions)

### **Materials of constructions**

Housina Internals Potting material PVC-U Cream ABS/PP Epoxy resin



## **PRODUCT CERTIFICATION**

According to NSF, KTW and Kiwa ATA regulations.

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<sup>\*</sup> Molecular Weight Cut-Off (MWCO) is an estimation as it depends on size, shape, charge and polarity of the compound being tested as well as the test conditions.