

polymem

MEMBRANE MANUFACTURER

Membrane filtration specialist

- We manufacture a full range of **ultrafiltration membranes for water treatment**
- We offer original and modular solutions for fluids filtration with **customized membranes and modules**



Experienced and innovative company

- Polymem is an **independent company** located in the “**membrane technology valley**” of Toulouse – France. It has been founded in 1997 by two engineers having more than 20 years experience in Hollow Fiber Membrane manufacturing for water treatment purposes.
- Polymem is **continuously improving his products and processes** and is so involved in major national and european research projects in the membrane field. For its innovation policy, Polymem has received the « **2000 Innovation Award** » from the INPI (French National Institute for Industrial Property).
- Polymem is developing **strong partnerships in the world for supporting the OEM** companies that are choosing Polymem products in their respective markets and countries.

Our assets



- Module range **NSF/ANSI 61** approved (American Public Health and Security Company) : Only six companies in the world have got this approval for their UF membranes
- Module range **ACS** approved (French Ministry of Health)
- 10 years experiment and **more than 100 installations worldwide**
- Our clients: Westech (USA), Infilco Suez (France), Aquatec Maxcon (Australia), Tobco (Benelux), Dorot (Israel), Christ Water (Ireland, Suisse), Véolia (France), Saur (France)...
- Some of **Polymem's solutions end users:**
 - in **industrial** applications : Danone, Total, Pfizer, United Chemical, BSN, Pechiney, Kodak, Lactalis, Saint Gobain, Cofrablack, CEA, IFP, Arcelor, Micron ...
 - in **municipal** applications : Little America (USA), Ruas (France), Kerry Assay (USA), Sogedo (France), Pioneer Trails Park WTP (Wyoming USA), Morrochy Alliance (Australia), Alabaster (Alabama USA), Franklin (Idaho USA), Livna (Israël),...
 - others : Institut Paul Emile Victor, French army, NGO, Base camps, hotels,...

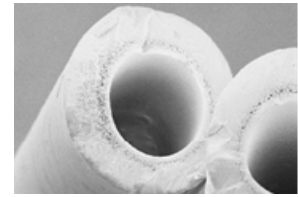
Impasse de Palayré
F-31100 TOULOUSE
e-mail : contact@polymem.fr

phone : +33 (0) 561 317 866
fax : +33 (0) 561 317 870

Product range

Hollow fibers membranes we manufacture, for ultra and micro filtration of natural fresh water, sea water, process water or waste water :

- UF et MF hydrophilized polysulfone hollow fibers for:
 - **A unique design of compact, dead-end Outside/In filtration modules for water treatment**
 - Dead end or crossflow In/Out filtration for fluids concentration
 - Dead end suction Out/In filtration for Membrane BioReactor applications : Immem™ process
- Customized hollow fiber membrane modules for specific applications



Spiral nanofiltration and reverse osmosis membranes for demineralization and desalination purposes

Pilot units (for rental or sale) using these membranes, for trials campaign on the customer's site.

Packaged skids for water treatment for our partners and customers:

- Design companies
- Water treatment companies
- End users : Industries, Public and Private Collectivities



Applications



The applications of these membrane and modules are in commercial, industrial and municipal fields:

- Treatment of natural water (ground water, surface water) for drinking water or process water production.
- Pre-treatment of soft and salty water before demineralization or desalination by reverse osmosis.
- Tertiary filtration of pre-treated wastewater.
- Combination of the membrane process with bioreactors: membrane bioreactors.
- Process water recycling
- Other miscellaneous applications: Food industry applications (grape juice, wine), Medical applications, Residential, ..

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