



EFFICIENT SOLID-LIQUID SEPARATION FOR ALL WATER QUALITIES

C-MEM™ ULTRAFILTRATION WITH FUTURE

The C-MEM™ ultrafiltration membrane by SFC Umwelttechnik represents modern, high-performance water purification – whether for drinking water, process water, wastewater, or water recycling. With a pore size of 20 nanometre (0.02 µm), it ensures effective solid-liquid separation by reliably retaining suspended solids, bacteria and even viruses.

Made from high-density polyethylene (HDPE), C-MEM™ offers numerous technical advantages: it is hydrophilic, allowing excellent flow rates while minimizing fouling. It is resistant to both pressure and suction and can dry out without damage – ideal for demanding operating conditions and automated cleaning cycles.

A key advantage: C-MEM™ is entirely PFAS-free. In contrast to conventional membranes made of PVDF or PTFE, C-MEM™ does not release perfluorinated or polyfluorinated chemicals during production or operation – and thus avoids potential environmental and health risks. It already complies with upcoming EU-wide PFAS bans, offering long-term planning reliability for users.

The production is carried out exclusively through mechanical and thermal methods – with no chemical additives, meaning no chemical residues and a particularly low ecological footprint.

C-MEM™ combines top filtration performance with sustainable technology – developed and manufactured in Europe. It offers a future-proof, low-maintenance and reliable solution for plant operators, municipalities and industry.

C-MEM™ – Clear Advantages for Clean Water.
Made in Europe. Made by SFC Umwelttechnik.

TECHNOLOGY & PERFORMANCE

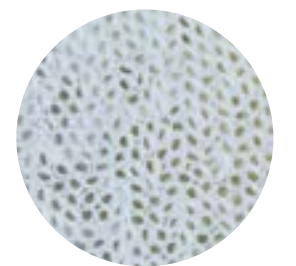
- Ultrafiltration
- Pore size: 20 nm (0.02 µm)
- Effective solid-liquid separation
- Excellent flow rate
- Low fouling potential
- Pressure- and suction stable
- Dry-out resistant
- Hydrophilic membrane

SUSTAINABILITY & SAFETY

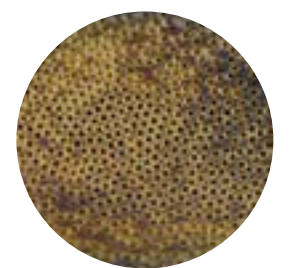
- PFAS-free
- No chemical residues
- Chem-free production
- Resource-efficient
- Environmentally friendly
- Future-proof
- EU-compliant (PFAS regulations)
- Minimal ecological footprint

APPLICATIONS & BENEFITS

- Drinking water treatment
- Wastewater treatment
- Water recycling
- Low maintenance
- Scalable
- Reliable quality
- For Municipal & industrial
- Made in Europe



Hollow fibre membrane in cross section



Hollow fibre membrane clean water outflow