



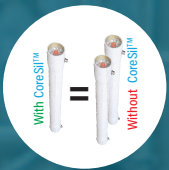
CACTUS NANO

MAXIMIZING GLOBAL HEALTH
AND WATER SUSTAINABILITY



CACTUSNANO

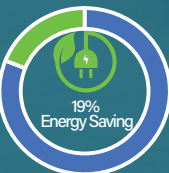
CoreSil™ Benefits



Improves membrane lifespan (up to 2x)



Increases membrane flux (>31%) by mitigating biofilm formation



Reduces energy consumption (up to 19%) with water productivity



Reduces cleaning frequency (up to > 60%)

DESIGNED & MANUFACTURED
IN FRANCE

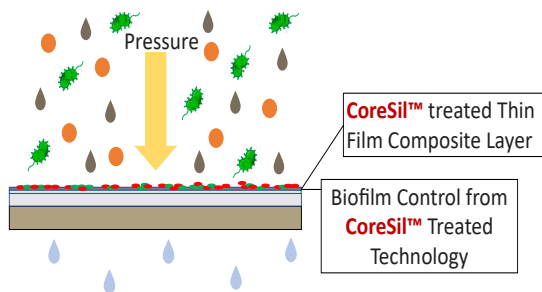


REVERSE OSMOSIS SPECIALIZATION

CoreSi™

Biofouling Control with CoreSi™ Membrane Technology

CoreSi™



● Contaminants/ Dissolved Solids ● Microorganisms ● Dead Microorganisms
● Highly Contaminated Water ● Permeate Water

SOLUTION BY CoreSi™

CoreSi™ technology applies nanoparticles in-situ on thin film composite (TFC) membranes to provide intrinsic anti-biofouling properties and superior performance.

BIOFOULING PROBLEMS

- Microbial growth clogs filters and membranes.
- Causes higher energy chemical consumption and frequent cleaning of membrane.
- Frequent cleaning shortens membrane lifespan
- Huge impact in desalination, wastewater, semiconductors.

SCAN HERE





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