

wavera[®]

The natural flow motion for pumps

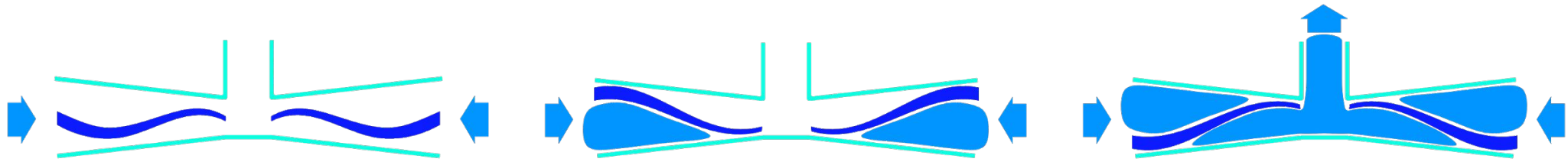


STRATEGIC OPPORTUNITY FOR PUMP MANUFACTURERS

Licensing the Wavera® technology for specific applications and territories.

**The Wavera® technology is an undulating membrane pump
designed to transfer any fluids, gels, powders ...**

The Wavera[®] technology



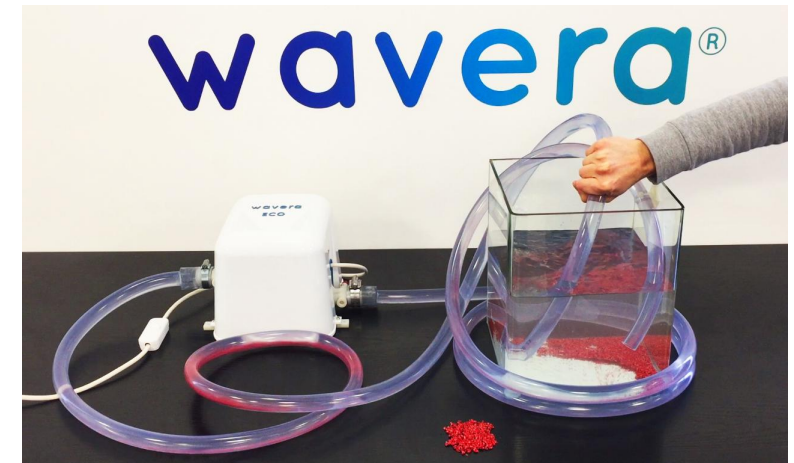
This technology is based on **the coupling of the fluid with an undulating deformable membrane placed between two flanges.**

The flow rate and the pressure are mainly dependent on **the amplitude and frequency of the force** generated by the motor, and on **the shape and material properties of the membrane and flanges.**



See our videos on
www.wavera.tech

*(water, oil, foam, gravels,
powders, talc, flour, ...)*



wavera[®]

Performances

High efficiency
of the membrane (80%)

Flow rate
up to 440 US gpm
(100m³/h)

Pressure
up to 230 psi
(16 bars)

Any fluids with particles,
gels, powders, ...

Controllable electric
pump (Industry 4.0)

Advantages

30 % power saving

**Continuous
flow rate**

Self-priming

**No axis, bearing
and valves**

**Very low
shear stress**

Totally sealed

Videos

Proof of concept

www.wavera.tech

Proof of market

CorWave - Start-up Medtech
www.corwave.fr/products/

[Water](#)

[Flour](#)

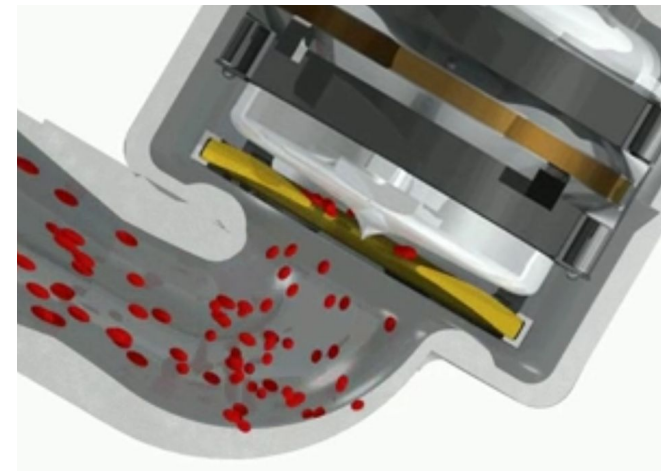
[Foam](#)

[Gravels](#)

[Oil](#)

[Talc](#)

[Self-priming](#)



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