

INSULATED TUBING - STIS

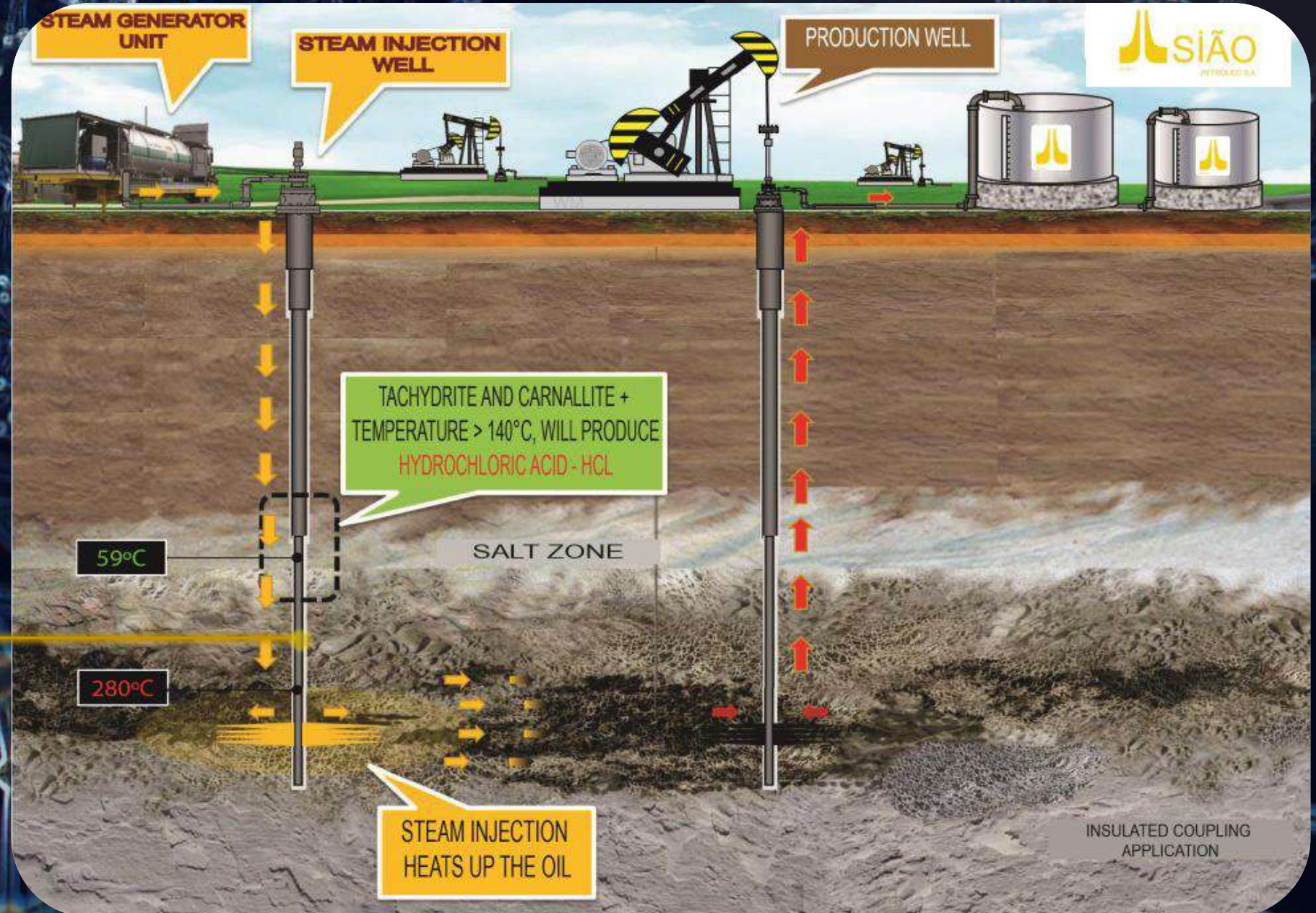
Super Thermal Insulation System

Save **ENERGY**

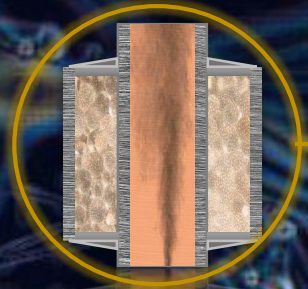
Increase your **PROFIT**



STEAM INJECTION OPERATION PROCESS

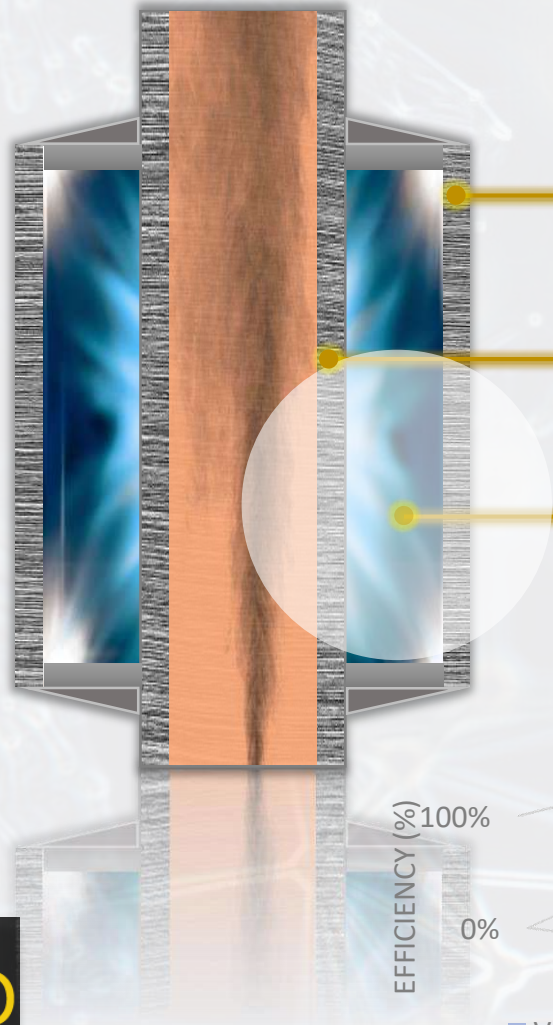


Insulated
tubing section



Insulation
analysis

MARKET PRACTICE – VACUUM INSULATED TUBING-VIT

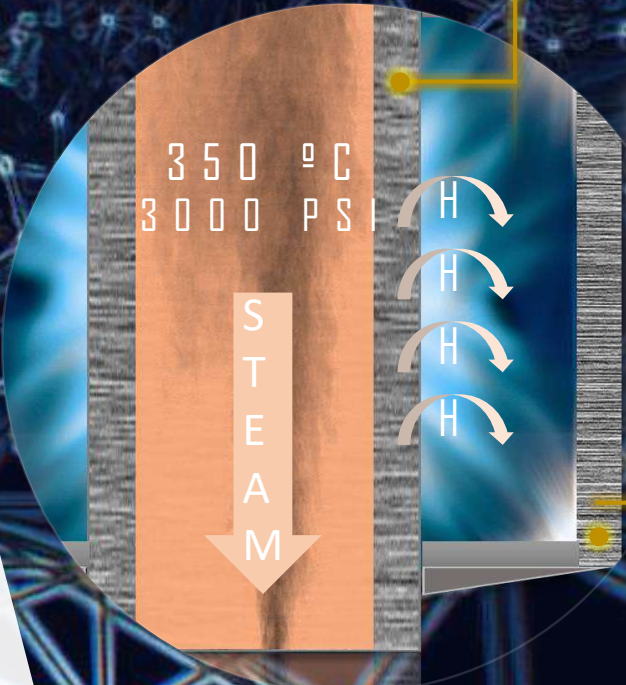


OUTER PIPE

INNER PIPE

VACUUM

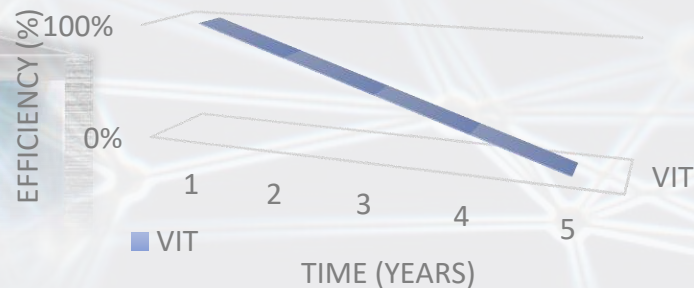
INNER
PIPE



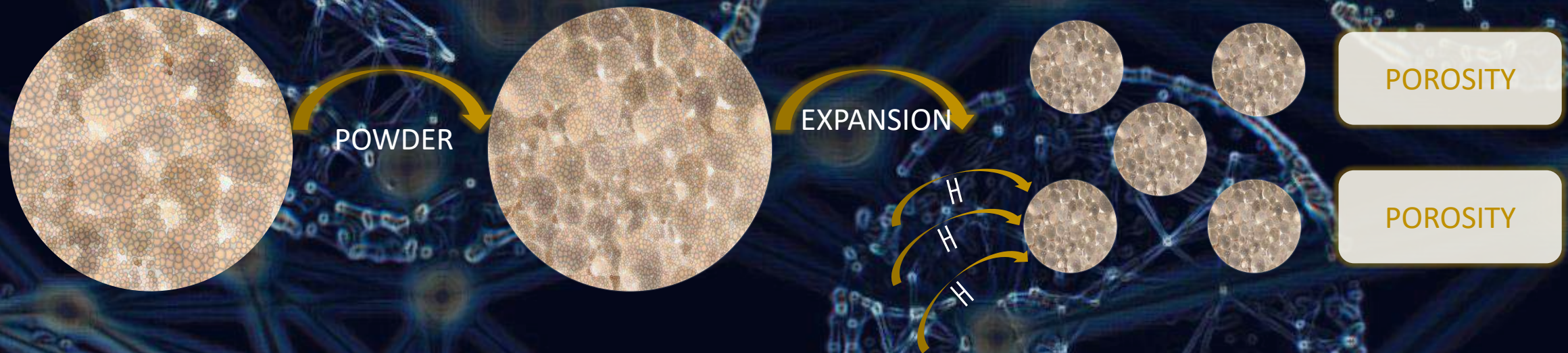
Hydrogen
penetrate the
steam pipe's
walls causing a
partial to
complete loss
of vacuum.

OUTER
PIPE

VIT TECHNOLOGY –
THERMAL EFFICIENCY

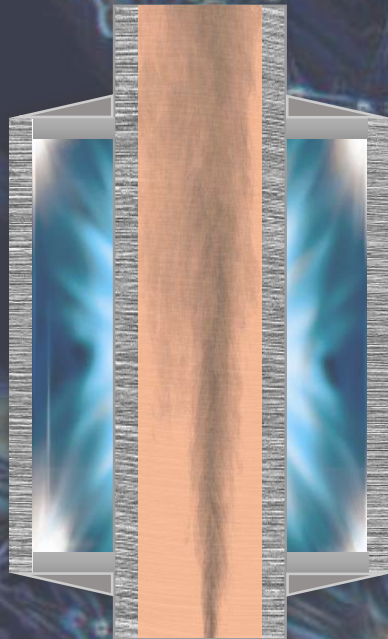
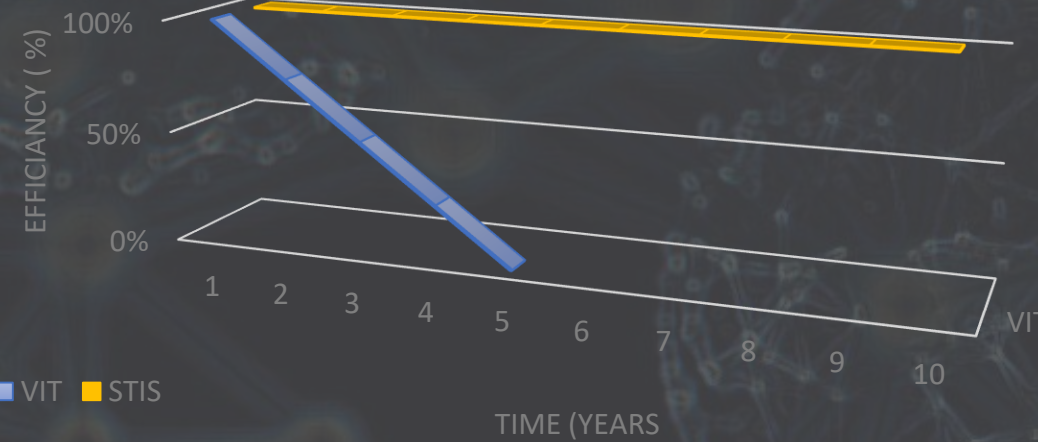


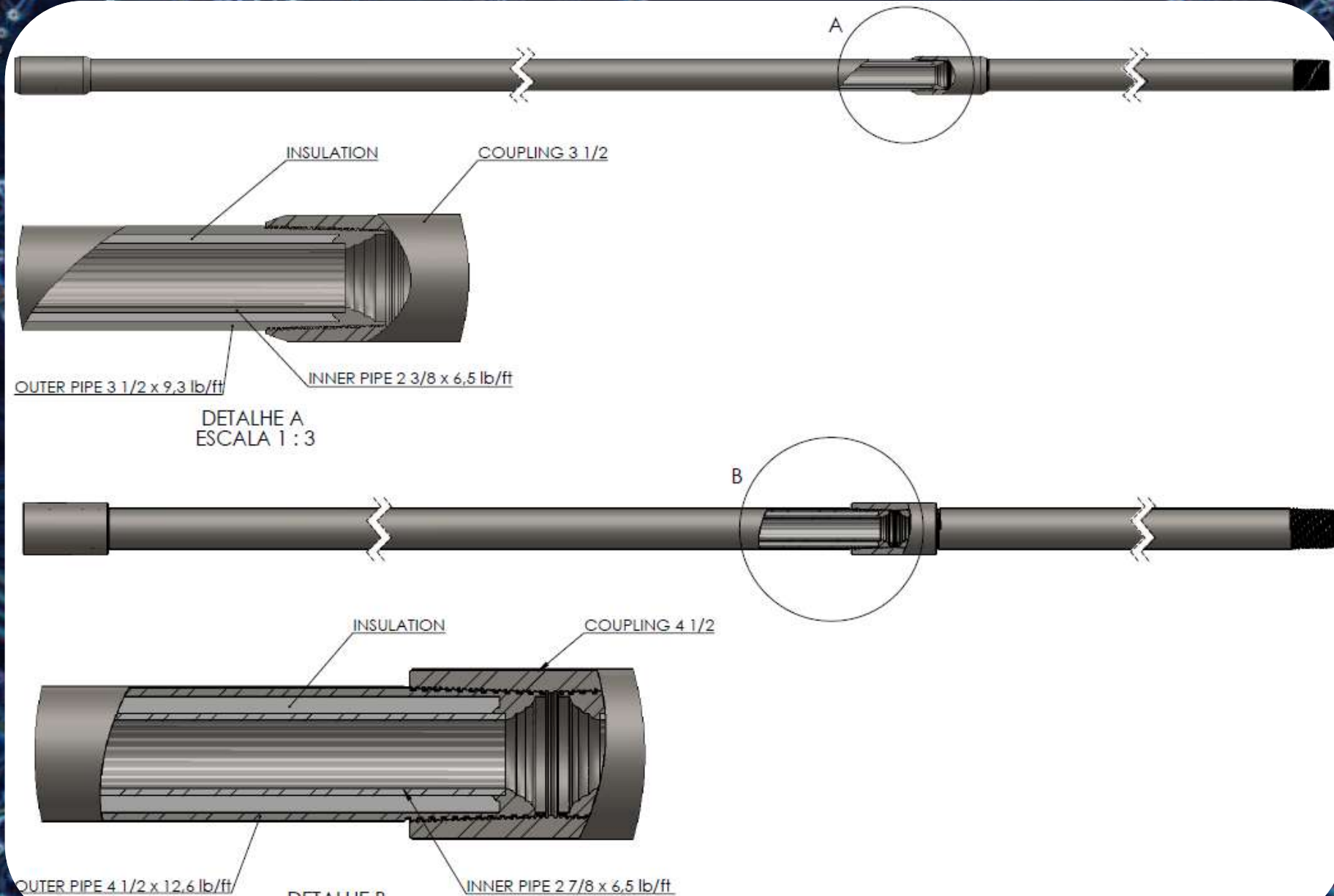
WHAT IS OUR NANOTECHNOLOGY?



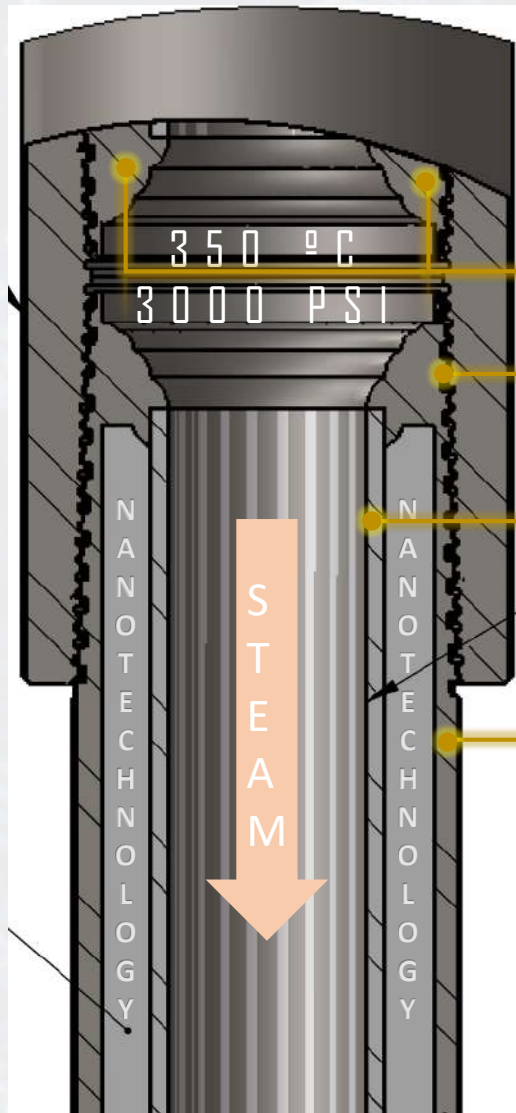
With the nanotechnology insulation employed in the **STIS** manufacturing process, hydrogen can not contaminate the insulating media, due to the low porosity of expanded SILICA, therefore the thermal efficiency remains constant for **10 YEARS** – while the vacuum decreases linearly for 5 years.

VIT (vacuum) X STIS (Nanotechnology) – Efficiency vs. Service Time





STIS TECHNOLOGY



Our technology is in the welding process. the addition of alloying elements increases the welded joint limit of elasticity, this process protect the tube from the termal fadigue. this ensures a longer life of **STIS**.

SEAL RING

INNER PIPE

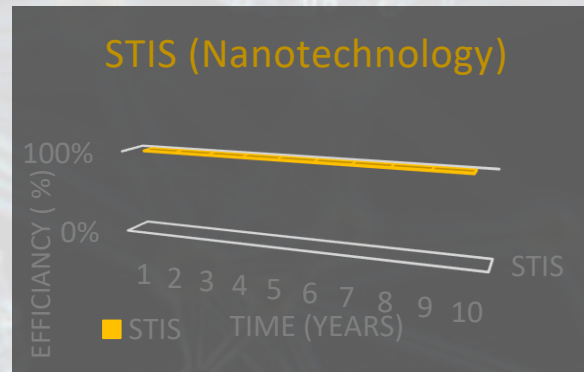
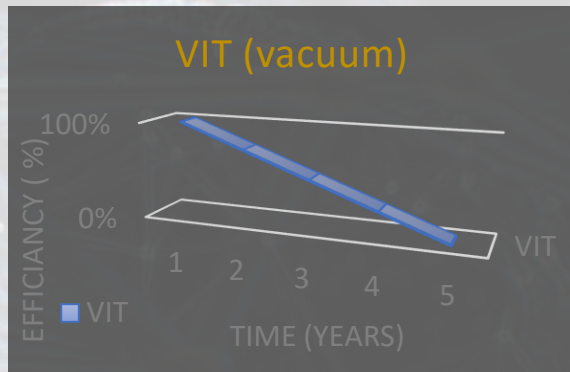
OUTER PIPE

INNER PIPE = 360 °C
OUTER PIPE = 80 °C

INSULATED TUBING STIS

Super Thermal Insulation System

We guarantee the efficiency of your Project for
10 years.



ANY QUESTIONS?

