

TRITON
Hydrogen 
Solving Impossible Problems

TRITONEX 

Hydrogen Barrier Coating System

**LOSSLESS STORAGE
AND TRANSPORTATION
OF HYDROGEN**

We have developed the answer to preventing hydrogen leakage in all materials. Tritonex is the only solution in world that fully complies to the ISO 17081:2014 hydrogen permeation standard.

**A MAJOR BREAKTHROUGH IN
HYDROGEN CONTAINMENT**

We are the creators of the Tritonex barrier coating system - a global phenomenon in preventing hydrogen leakage.

Tritonex is the only barrier coating product anywhere in the world that provides a scientifically tested containment solution - giving 100% isolation.



triton-hydrogen.com



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Proven Technology



Tritonex is the **only** hydrogen barrier coating in the world with 100% leakage-proof results.



Tritonex is independently tested and approved to conform to ISO 17081:2014 at **0%** permeation.



Tritonex is the final and missing piece to allow storage and transport of hydrogen gas **without leakage and embrittlement.**

Market Impact



H₂ production over the next decade is estimated to grow at over 1,500%.



Tritonex will enable the gas market to grow even faster.



Tritonex can be applied to existing pipelines and storage tanks.



Tritonex is environmentally friendly in all of its application phases and makes increased hydrogen production, transport and storage possible.

2.7%-5.6%
CURRENT
LIFE-CYCLE LOSS
OF HYDROGEN

from integrated transportation
/storage systems

TRITONEX
Hydrogen Barrier Coating System

THE **ONLY** PROVEN
HYDROGEN CONTAINMENT
BARRIER COATING
0% PERMEATION



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VIEW OUR BROCHURE