RILSAN® Fine Powder Coatings

for water pipes couplings and fittings

ATOFINA

Better than Epoxy

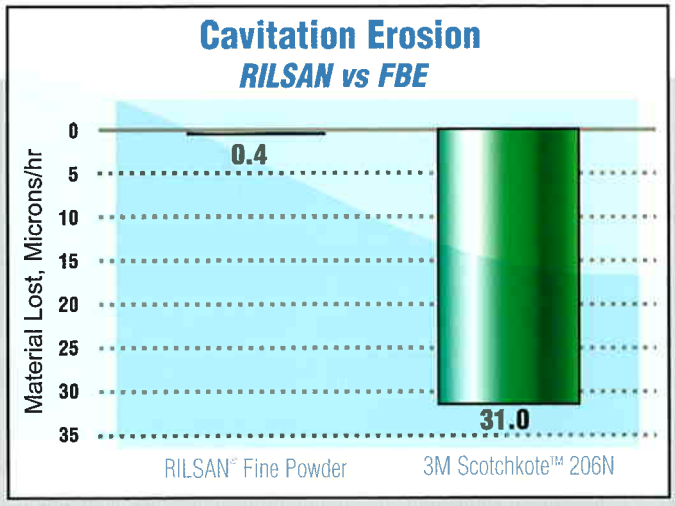
	RILSAN	Epoxy	Acrylic Acid Ethylene Copolymer
Density	●	●	○
Abrasion resistance	○	●	●
Impact resistance	○	●	●
Corrosion resistance	○	●	●
Chemical resistance	○	●	●
Temperature (-40°C)	○	●	○
Adhesion (long term)	○	●	●
Edge covering	○	●	●
Environmental aspect	○	●	●

○ *excellent* ● *average* ● *unsatisfactory*

Comparison to competitive powders

- ***Low pressure loss***
- ***Corrosion protection***
- ***Exterior durability and UV stability means better outdoor weathering properties. Will not chalk or discolor like fusion bonded epoxy.***
- ***Low moisture absorption***
- ***Impact resistance***
- ***Abrasion and wear resistance***
- ***Chemical resistance***

***RILSAN® Fine Powder** has cavitation erosion resistance more than **75 times better** than 3M's Scotchkote™ 206N Fusion Bonded Epoxy.*



Cavitation Erosion

Fusion Bonded Epoxy. ***RILSAN Fine Powder***

Data measured by KTA Tator, Inc. using ASTM G-32-98, Standard Test Method for Cavitation Erosion Using Vibratory Apparatus, *Annual Book of ASTM Standards (vol. 03.01)*, Philadelphia

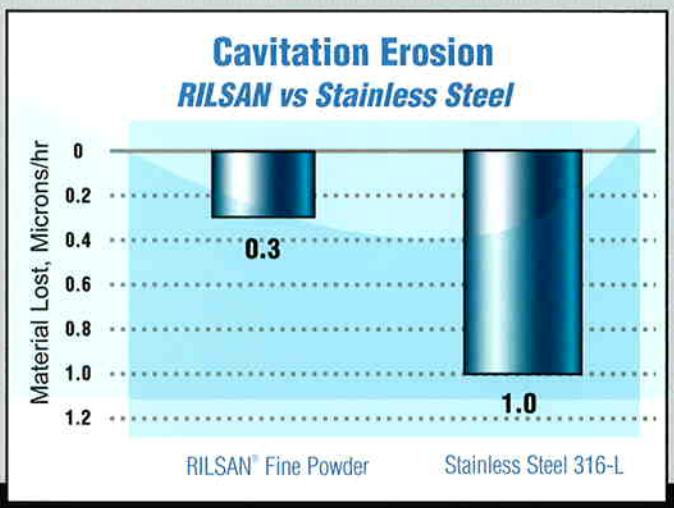
Cavitation Erosion
Stainless Steel 316-L

Before

After

Better than Stainless Steel

RILSAN® Fine Powder has cavitation erosion protection three times better than Stainless Steel 316-L.



RILSAN® Fine Powders combine thermal stability, physical durability, chemical resistance, and mechanical integrity in a coating material that stands up to almost anything.

RILSAN® Fine Powders have enjoyed worldwide approval for use in potable water systems for over 20 years. Approvals include the following:

United States

ANSI/AWWA C224.01 (AWWA Standard for two-layer Nylon-11 based polyamide coating system for the interior and exterior of steel pipe, connections, fittings and special sections.)
NSF-61 includes approval for several color grades.

Canada

Ontario - Ministry of Environment & Energy
Quebec - BNQ 3660-950

Europe/Asia

Belgium - NBN S29-001
Germany - DVGW
France - DGS-VS4 99.217
Italy - Circular 102
Japan - WSP 067-2001
Netherlands - KIWA BRL-K759-01
Norway - DET Norske Veritas
United Kingdom - BSI WIS 4-52-01

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TGI 2M-6-03