

RILSAN® Fine Powder Coating

VS

Fusion Bonded Epoxy (Scotchkote 206N) and Stainless Steel 316-L

- *CAVITATION EROSION is a major cause of failure for hydraulic system components such as pumps, valves, couplings, and pipe. It is the result of continuous shock waves from the collapse of bubbles formed in low viscosity liquids at high flow rates*
 - RILSAN® Fine Powder has cavitation erosion* protection more than 75 times better than 3M's Scotchkote 206 N Fusion Bonded Epoxy
 - RILSAN® Fine Powder has cavitation erosion* protection 3 times better than Stainless Steel 316-L
 - RILSAN® Fine Powder is the best-known polymeric coating for cavitation erosion* protection
- *Costs are on the increase due to metal prices*
 - The applied cost of RILSAN® Fine Powder can be less than half the cost of Stainless Steel
 - The applied cost of RILSAN® Fine Powder is equivalent to the applied cost of Scotchkote 206N
- *A wide range of Chemical Resistance is needed for water purification systems*
 - RILSAN® Fine Powder is resistant to the acids and bases used in those systems
- *Abrasion and Impact Resistance are important for handling parts in the field*
 - RILSAN® Fine Powder has superior resistance versus Scotchkote 206N, which means less chance of chipping or cracking the coating during shipping and installation
- *UV Stability is needed when parts sit on the jobsite*
 - RILSAN® Fine Powder has significantly better outdoor weathering properties compared to Scotchkote 206N and will not chalk and discolor like the Fusion Bonded Epoxy
- *AWWA AND NSF-61 are two essential standards for the water industry*
 - RILSAN® Fine Powder is the product of choice for AWWA Standard C224.01, and several color grades are approved for potable water use per NSF-61
- *Global Approvals means that RILSAN can be specified and used throughout the World.*
 - RILSAN® Fine Powder is approved and used in potable water applications in all regions of the World
- *Global Availability*
 - ARKEMA Chemicals, Inc., the manufacturer of RILSAN® Fine Powder is the 6th largest chemical company in the world with sale and service representation in all regions of the World.
- *Long History of use*
 - RILSAN® Fine Powder has been used in potable water applications around the World for more than 25 years.

*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