



# Hot Topics

October

2008



Ductile work or pipes corroding due to aggressive chemicals, gases or erosion corrosion cycles? Tired of replacing pipes over and over? Frustrated getting into tight spaces or having to dig to replace pipes or duct work? Thinking there must be something better? Aggravated with other issues like filters or bag houses eroding away? U.S.I. and 3M Corrosion Protection Products can help. We can lower your life-cycle cost and extend the life of your pipes by 3, 5, even 10 years or longer as a leader in corrosion protection. See what we did below at this aluminum smelting plant in South Eastern Michigan:



Before



Solution



3 Years Later

## Factors to Consider when selecting a long-term polymer repair solution to fight corrosion:

- What kind of surface preparation can you do? (hand tool prep, water blasting or grit blasting)
- Are there any holes in the pipe or duct work that would have to be repaired?
- Is the corrosion mostly internal or external?
- What kinds of fluids, gasses or chemicals are in the environment?
- Will there be abrasive material or particulate going through the pipes, pumps, fans or duct work? If so will it be moving at a high velocity?
- Can you afford to shut down operations for extended periods of time, or do you need an in place or even on-line repair solution?
- There are many other factors to consider.

So call or email the Pro's at: "U.S.I. Leading the Mid West for innovative 3M Abrasion, Erosion, Corrosion and Chemical Protection Solutions." We are here to help you, when conventional methods of repair no longer work and you need to think outside the box, call (248)685-7580 or e-mail [office@unconventionalsolutions.biz](mailto:office@unconventionalsolutions.biz) for YOUR Unconventional Solution.

## Product of the Month

Do you have conveyors or other rubber components like flexible hosing, large rubber protected cables, or expensive tires on earth moving equipment? Ask your USI Technical Sales Consultant about our 3M Flexi-Tech, which is available in several durometers to suit your hardness and flexibility needs.

We had a steel service operation in North East Indiana use Flexi-Tech 60 EG on their main feeder conveyor belt. To replace it would have been over \$15,000. A heat vulcanized repair would have been over \$6000, plus \$5000 or more in lost production. So our \$575.00 four pack of Flex-Tech was a direct cost saving of \$9000 or more. The repair has been in service for over four months, and that is True Value!

## Tip of the Month

1. In today's tipsy, turning stock market & economy, it is good time to review your personal or family budget to see where you can cut unnecessary spending or expenses so you have more to invest for you, your family, and America's future. This current down-turn gives you great buying opportunities for quality stock and real state at a great value to assure long term capital gains and long-term investment. As always it is best to consult an expert for advice on specific details and what is best for you and your risk tolerance.
2. It is hunting season, so don't forget to wear orange or other bright colors when out in the woods hunting, hiking, running or biking. That way people know you are a person and not a deer or other animal. It pays to be safe when outdoors.

Happy October and warm regards,

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