

Flow-Liner®

“Performs Under Pressure”
A Pressure Pipe Lining Technology Solution



History

Cintas Corporation was founded in 1929 by Richard “Doc” Farmer as a small business to reclaim and clean rags for local factories and has grown to clothe more than 5 million people for work. Cintas entered the uniform rental business in 1965 and is now the largest uniform supplier in North America, with more than 900,000 customers. In addition to designing and manufacturing corporate identity uniform programs, they provide entrance mats, restroom supplies, promotional products, fire protection products, carpet and tile cleaning, as well as document management services. The company has more than 430 facilities including six manufacturing plants and nine distribution centers employing approximately 30,000 people.



Problem

The Cintas facility, located in Morgantown, West Virginia, had two 4” schedule 80 pipe lines with operating pressures of 120 psi that were leaking. The parking lot directly above the pipes was recently repaved. Excessive vibrating from the paver during repaving is thought to have caused cracks in the pipe.

Issue

The Contractor, Tudi Mechanical Systems, contacted us for a non-invasive solution to repair the leaking pressure pipes and avoid excavating the newly repaved parking lot. Each line was approximately 60’ in length and included one 90° and three 45° bends with constant flow exposure. To replace the pipe would require excavation of the newly repaved parking lot and potential down time for Cintas’ operating schedule.

Solution

Using Flow-Liner® technology, a Flow-Liner Certified Installer used the Flow-Liner Mechanical Pipe Lining System to line the leaking pressure pipes. This “patent pending” system is designed for a maximum burst pressure of up to 300 psi.

Results

The pipe was successfully lined with minimal disruption to Cintas’ operations. The Plant Manager of the Morgantown, West Virginia Cintas facility was very pleased with the results and commented:

“You have a great product and process and would recommend it to anyone!”



We are pleased to announce another successful project and proudly add
Cintas & Tudi Mechanical Systems
to our list of happy and satisfied customers.