



Flow-Liner®

“Protects The Magnet”

With a Pipe Lining Technology Answer



The University of Delaware started in 1743 as a small private academy and has grown into a research intensive, technologically advanced institution. Alumni include three signers of the Declaration of Independence and one signer of the U.S. Constitution. The University’s Brown Laboratory is home to the Department of Chemistry and Biochemistry. Magnet Hall is located in Brown Lab and houses eight Nuclear Magnetic Resonance spectrometers which are used to study the chemical environment of atoms. The facility is a critical piece of research infrastructure for the University.



Problem

The University’s Brown Magnet Hall had roof drain lines running in the ceiling over top of highly valuable magnets and was concerned that the roof drain line would leak on the magnets causing damage.

Issue

Roof drains consisted of a combination of 6”, 8”, and 10” cast iron pipe with tight 90’s. The system of roof drains had one main line that transitioned from 6” to 12” and ran approximately 100’ then had a tight 90 and traveled another 50’. There were seven branch lines of 6” pipe entering main line and had pressure 90’s ranging length from 10’ to 27’.



Solution

Using Flow-Liner® technology, a Flow-Liner Certified Installer applied the Flow-Liner Internal Pipe (FLIP) Treatment System to the roof drains. The “Patent Pending” FLIP Treatment System is designed to help prevent deterioration of the cast iron pipes.

Results

The roof drains were successfully treated with the FLIP Treatment System without causing any interruption to the University’s operations. The University’s Facilities Project Manager was very pleased with the results and commented:

“The pipe treatment saved us from having to remove the rain line from the ceiling because of the concerns of any water leaks on the Magnets below. We would highly recommend this product to use when pipe replacement would not be a cost effective option.”



We are pleased to announce another successful project and proudly add
University of Delaware
to our list of happy and satisfied customers.