



A Long-Lasting Alternative to Welding



“LOCTITE helped us find a solution to constant spot weld failures that were costing us equipment downtime and repair costs.”

A paper recycler’s stainless steel filter screens failed regularly in service – every 6 to 8 weeks – due to the erosion of spot welds that caused the mesh to fall into the rotating screen system. The frequent replacement required by these failures caused equipment downtime and labour costs. **LOCTITE EA 9466**, a structural adhesive that is resistant to peel and shear forces, was the perfect solution.

A LOCTITE Engineering Solutions Expert walked the team through the process, from ground washing the screen mesh and filter to remove any paper recycling debris and chemical residues, to dispensing from a 50 ml dual cartridge, to positioning and weighting the replacement mesh. The new process has lowered filter replacement costs, labour repair costs and doubled uptime between process downtime, thereby increasing recycling production output.

BENEFITS

LOCTITE EA 9466 Structural Adhesive:

- Provides the needed durability to withstand the abrasive forces in the filter process
- Replaces spot welds and holds the fine filter mesh in place for more than 16 weeks
- Offers cost savings by reducing equipment down time and labour costs