

COMPANY PROFILE

Flontech USA, LLC was founded in 2004 to bring proprietary PTFE compounding technology from Europe to the North American market. This dynamic venture brings years of experience and specialized technology to the PTFE compounding industry in North America. Flontech USA, LLC custom formulates PTFE compounds to customer's specifications. Their compounds are designed with a variety of fillers to optimize performance over a broad range of applications and environments.

SITUATION

Flontech USA, LLC received its proprietary compounding technology from Europe, but management and production staff quickly identified opportunities to better streamline the use of this technology and equipment. The flow of material through the process was not efficient and therefore made it difficult to provide accurate lead times to customers, see the backlog in production, and efficiently utilize equipment to its fullest potential. Bottlenecks existed in the production process and no good system could be developed to schedule the work areas. This consistently contributed to work not being completed as scheduled. Flontech USA, LLC management wanted to gain the ability to schedule production efficiently based on man, machine and material capacities; provide accurate lead times to customers; fully utilize equipment; and this could only come by reorganizing the way materials flowed through the process.

SOLUTION

The company initiated a Value Stream Mapping (VSM) event with NEPIRC to collect data for the production process and create an improvement plan to improve utilization of equipment within the existing facility space. By mapping the process and collecting data for each production step, the entire process could be streamline which then allowed for a new production scheduling system to be implemented. These improvements helped to reduce lead times, improve on time shipments, and better utilize the existing equipment and facility space.

RESULTS // Some of the results realized are: Increased oven utilization by over 20%, Reduced lead time by 25%, Labor capacity increased by 250 hours annually, Improved on time shipments to nearly 100%.

TESTIMONIAL

“NEPIRC was a tremendous asset guiding our team through the Value Stream Mapping process. We have since used their services for several other improvement activities.”

- Mr. Jared McTague, General Manager
Flontech USA, LLC, Jenkins, Pennsylvania

