Pandrol USA’s plastic injection molding plant is now in full production with 8 high capacity injection molding machines and a ninth smaller machine for prototyping and short production runs.

The plant is dedicated to the production of railroad tie pads and insulators that are used with Pandrol’s track fastening systems. By vertically integrating, to produce tie pads and insulators, as well as rail clips for the various Pandrol fastening systems, we are able to more effectively meet our customers’ requirements. No longer, do our customers need to compete with non-railroad customers at injection molding manufacturers.

By controlling the process, from design through material specification, material purchase, and production we have greater flexibility to meet railroads' needs. The injection molding machines are tightly computer controlled and monitored to insure accurate parts production. The use of State-of-the-Art robotics reduces material handling.
In addition, with the capability to do our own design and prototyping, we have significantly increased our ability to assist the railroads in developing new products and to test new resins and product designs to improve and enhance product performance.

We maintain an inventory of the most commonly used resins so that we can respond rapidly to our customers’ requirements. We also maintain an inventory of the most commonly called for tie pads and insulators to meet emergency requirements.

We take pride in our new plant. It was designed using LEAN production concepts and meets ISO 14001 requirements. The result is a plant that efficiently and effectively handles production from resin delivery through the entire production process to final shipping.
PANDROL PLASTIC PARTS
Quality Tie Pads and Insulators

In the interests of product improvement, Pandrol reserves the right to change the specifications contained herein at any time without prior notice.