Chem Trend
Release Innovation™

RUBBER CONVEYOR BELT Case Study

Release Agent Change Improves Profitability

SITUATION:

A manufacturer of large scale conveyor belts was spending a great deal of time spraying release agent and cleaning molds. These activities were resulting in hidden costs that were impacting profitability.

SOLUTION:

Representatives from Chem-Trend visited the conveyor belt manufacturer's operation and observed its process first hand. Chem-Trend's rubber molding experts suggested a semi-permanent release agent that was better suited to the manufacturer's process than the sacrificial product that was in use from another release agent provider. The Chem-Trend team also recommended that the conveyor belt manufacturer switch to a more efficient type of spray gun for applying the release agent, and provided their operators with training on how to most effectively apply the release agent.

BENEFITS:

The conveyor belt manufacturer saw many positive results from its interaction with Chem-Trend. Cycle time was improved by 10% which resulted in increased productivity and a greater number of belts that could be produced in a given month, thus improving sales and profits. The conveyor belt manufacturer observed lower labor costs due to an 80% reduction in the amount of time spent having to spray the release agent as well as reduced downtime for mold cleaning. Additionally, the conveyor belt manufacturer saw improved belt finish quality and a reduction in energy consumption as the new process for spraying release agents resulted in a more stabilized process temperature.