



DRIVEN BY POSSIBILITY™

CASE STUDY:

TPU BELTS THERMOPLASTIC POLYURETHANE

Meat processing plant saves thousands of dollars in operating costs by replacing plastic modular belt with POSICLEAN™ PC20.

End market: Pork Processing

Application: Trim Conveyor

Original parts: Plastic Modular Belt

Solution: PosiClean™ PC20

PROBLEM

- Plastic modular belting cleaning protocol calls for a daily disassembly and soak in a cleaning solution.
- Due to the frequent disassembly and reassembly, segments of plastic modular belting are damaged and need to be replaced.
- Plastic modular belting that is damaged and not replaced can break off and contaminate the meat/poultry with pieces of plastic from the plastic modular belt.

SOLUTION

- The existing plastic modular belting was replaced with GATES® TPU POSICLEAN™ PC20 belt, an easy-to-clean, 2” pitch, positive drive replacement for plastic modular belting.

For more information contact us at:

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REDUCE OPERATING COSTS

BENEFITS

- 43% less surface area to clean, no crevices to harbor contaminants
- 35% less cleaning water and 54% less cleaning labor
- No risk of food contamination from broken pins or hinges
- 30% less weight translates into longer motor and bearing life

SAVING

- Return on investment achieved in less than 2 days
- Water consumption was reduced by 172K gallons per year, nearly half of prior usage
- Lower water usage resulted in an annual plant cost savings of \$20K
- Cleaning time reduced by 30 minutes per day, increasing production value by \$4.5 million a year
- Maintenance & Sanitation groups no longer have to repair broken belt modules or face contamination risks from broken belt modules

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