



MECTROL

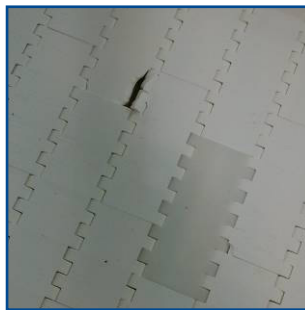
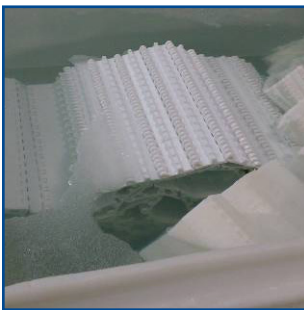
CASE STUDY



- END MARKET** < > **MEAT PROCESSING**
- APPLICATION** < > **KILL FLOOR CONVEYOR**
- ORIGINAL PARTS** < > **PLASTIC MODULAR BELT**
- SOLUTION** < > **GATES MECTROL POSICLEAN® PC20**

PROBLEM

- > The cleaning protocol for plastic modular belting requires taking the belts off every night and soaking the belts in a cleaning solution.
- > Maintenance teams at this protein processor spent significant time replacing damaged plastic modular belting segments that was caused when transporting the belt.
- > Additionally, the sanitation department was concerned about contamination from the broken belt pieces.



BEFORE

SOLUTION

- > The plastic modular belting was replaced with Gates Mectrol's PC20 PosiClean belt, a 2" pitch positive drive urethane belt with embedded tension members.

BENEFITS

- > PosiClean belting can be cleaned-in-place.
- > Water consumption has been reduced by 172K gallons per year, nearly half of prior usage.
- > Lower water usage has resulted in an annual plant cost savings of \$20K.
- > Cleaning time was reduced by 30 minutes per day, increasing production value by \$4.5 million a year.
- > The maintenance workers no longer have to repair broken belt modules.
- > The sanitation department no longer worries about possible contamination from broken belt modules.
- > The belts paid for themselves **in less than two days**.



AFTER

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