

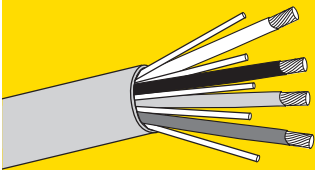


PAPER MILL CONQUERS HEAT & MOISTURE ISSUES WITH LIGHTING FIXTURES USING CHEM-GARD® 200

Overall Cost Savings in 21 months = \$1,368

Increased Production by 12 HOURS

**TPC PRODUCT:
CHEM-GARD® 200
UNSHIELDED SINGLE-CONDUCTOR CABLE**



Source: TPC Cost Value Analysis Report #2480

CUSTOMER PROBLEM:

One of the world's leading producers of fiber-based packaging, pulp, and paper was experiencing routine failure of cable on a lighting fixture at its mill in Oklahoma due to the hot wet environment. For each instance of failure, the cost to replace cable was \$996 in parts and labor plus 6 hours of production time.

TPC SOLUTION:

The TPC representative suggested **Chem-Gard® 200 Unshielded Single-Conductor Cable**, known for its excellent resistance to chemicals, abrasion, and high heat. Finely-stranded, nickel-plated copper conductors improve flexibility and protect against corrosion and oxidation in chemical and high-temperature environments. Fluoropolymer insulation is extremely resistant to chemicals and also mechanically durable. High-temperature fluoropolymer fillers will not wick up contaminants and allow conductors to move freely. A fluoropolymer jacket designed for continuous temperatures up to 200°C (392°F) is also resistant to oils, acids, solvents, and chemicals, and provides excellent defense against cutting and abrasion. Roughly 40% smaller in diameter than SOOW cable, the solution is also useful in areas with restricted space and/or in conduit.

CUSTOMER RESULT:

In service for 21 months, the total expense for TPC's solution was just \$1,620 for parts and labor compared to the nearly \$3,000 the customer would've spent using its former cable. TPC saved the customer \$1,368 and, perhaps more importantly, increased production time by 12 hours.

