TPC WIRE & CABLE CORP. EXPECT HIGH PERFORMANCE®

CASE STUDY: Extreme Temperature

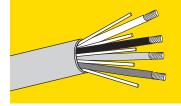


PAPER MILL CONQUERS HEAT & MOISTURE ISSUES WITH LIGHTING FIXTURES USING CHEM-GARD® 200

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. Finelystranded, 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. Hightemperature 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.



TPC WIRE & CABLE CORP. EXPECT HIGH PERFORMANCE® **TPC WIRE & CABLE CORP.** HEADQUARTERS 9600 VALLEY VIEW RD, MACEDONIA, OHIO 44056 USA 800-521-7935 • FAX 866-528-2930 • CANADA 800-545-0122 • MEXICO 001-877-283-1696 CHILE 1230-020-0229 • COLOMBIA 0-1-800-915-7519 • PERU 0800-54863 • **WWW.TPCWIRE.COM**

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