



NAVAL-COMMERCIAL SHIPBUILDER REELS IN A BETTER CABLE, AVOIDS DISRUPTION

**Total Savings
in Material
& Labor =
\$1,200**

**TPC PRODUCT:
SUPER-TREX®
TRIPLE-GARD
PORTABLE CORD**



Source: TPC Cost Value
Analysis Report #3585

CUSTOMER PROBLEM:

A manufacturer of complex surface ships for naval and commercial clients was experiencing routine failure of commodity cable used on two reeling applications. The cable was being repaired monthly and replaced every 3 months, on average, due to flexing and tension issues. Each time cable failed on the two reels, the cost to replace it was \$476 plus labor.

TPC SOLUTION:

TPC's representative suggested **Super-Trex® Triple-Gard Portable Cord**, designed for extending cable life in torque, tension, and flexing applications. Containing 2 1/2 times more stranding and tinned conductors, TPC's cable reduces conductor fatigue and breakage. Its ribbed, oil-resistant insulation resists the negative effects of lubricating oils and most chemicals to add tensile strength. A rayon reinforced braid also locks the conductors into the jacket to help prevent corkscrewing that leads to premature conductor failure. The jacket, itself, is a specially compounded TSE material that serves as a superior first line of defense against tearing, abrasion, impact, oil, ozone, heat, weather, and most chemicals.

CUSTOMER RESULT:

After installing TPC's cable on the two reels, the customer reported a full 12 months later that the cables were still in service with no need for repair or replacement! Had the customer continued using the commodity cable, the company would've spent \$2,800 on materials and labor to repair the cable likely 12 times and replace likely 4 times that same year. Instead, the customer invested one time in TPC's solution, saving more than \$1,200 and avoiding disruption of service!

