

Cost Value Analysis

Mag Crane Cable Assembly

CHALLENGE

Faced with increasing costs due to failure and downtime, a leading steel producer was in critical need of a quality Mag Crane Assembly to withstand high temperatures for an extended period of time.

SOLUTION

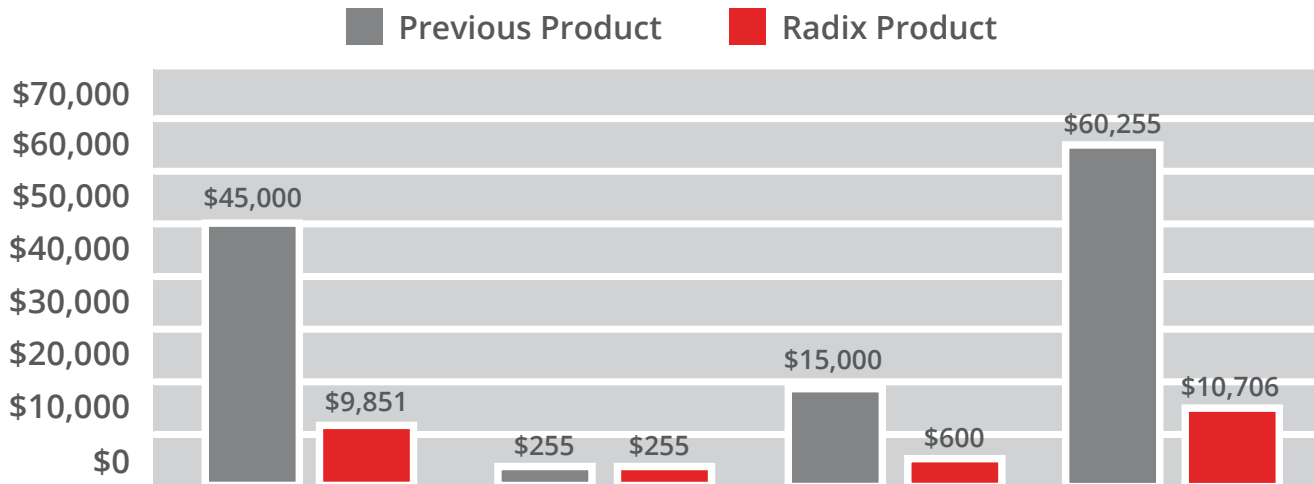
Radix Wire and Cable Engineered Solutions developed a high heat resistant product, using our Tempergard 2000 cable with a stainless steel overbraid and Oval Power connector.

RESULT

With the new Mag Crane Assembly installed at the steel facility, the frequency of replacements reduced greatly, resulting in significant cost and downtime savings.



Radix vs. Previous Product



| Application Variables | Previous Product | Radix Product |
|----------------------------------|------------------|-----------------|
| Material Cost | \$45,000 | \$9,851 |
| Freight Cost | \$255 | \$255 |
| Labor Cost | \$15,000 | \$600 |
| Total Cost | \$60,255 | \$10,706 |
| Production Downtime | Previous Product | Radix Product |
| # Used Annually | 100 | 12 |
| Downtime to Replace Assembly | 1.50 | 0.50 |
| Total Production Downtime | 150.00 | 6.00 |

Overall Product Cost Savings
= **\$49,549**

Increased Production Hours = 144

*Average Downtime Costs for Large-Scale Plants (\$/hr) = \$18,000
Total Downtime Savings
= **\$2,592,000**

GET IN TOUCH

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