

**For fast, efficient
and inexpensive
conductor cleaning...**



ConductaClean® is a reliable, cost-effective system for cleaning the ends of overhead conductors prior to compression splicing.



The Problem

Compression connector failures pose a significant risk to the reliability of aging power systems. Research has proven that improper cleaning of conductor strands can result in higher resistance splices that operate at high temperatures leading to premature failure. Historically, the cleaning of conductors prior to splicing has required line crews to spend significant time and effort wire brushing individual conductor strands — a tedious, labor-intensive process that increases construction and maintenance costs, and decreases the reliability of connectors, if not performed properly.

The Solution ConductaClean® is an easy to use system that gives line crews the capability to thoroughly clean conductors in much less time than traditional hand-cleaning methods. Its compact and portable design allows linemen to operate wherever the splice is most efficiently made — on the ground or up in a bucket. Ultimately, crews can be more timely and efficient in the splice-making process, improving cleaning and reducing man-hour demands.

Application

ConductaClean® agitates a specialized solution to remove oxidation and grime from conductor strands, and can be adjusted for 1-, 3- or 6-minute cycles, depending upon the condition of the conductor.



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“Our crew was amazed at how quickly and thoroughly the tool cleaned each conductor — it did a superb job.”

— Alan Holloman, Southern Company

Benefits

ConductaClean® is simple to operate, and requires no maintenance. And... it does the job! Typically, a thorough cleaning of conductors requires wire brushing individual strands, often taking over 30 minutes per conductor. In most cases, ConductaClean® can do the job in **6 minutes or less**, saving time, frustration and money. Since the conductor is cleaned to the core, the finished product is of better quality, minimizing the likelihood of premature failures.



Tool Dimensions	8" w x 6" d x 22" h (23cm x 15 cm x 65cm)
Tool Weight	20 lbs. (9 kg)
Tube Dimensions	3" dia. x 26" L (7.6cm x 66cm)
Tube Weight	4 lbs. (1.8 kg)
Min and Max Conductor Sizes	1/0 to 2167 kcmil
Cleanings/bottle	5-12 (depending on condition)

Average Cleaning Times (regardless of conductor size)		
Temperature	Time to complete	
	Cleaning #1	Cleaning #2 - #6
70° F (21° C)	2 min.	3 min.
30° F (-1° C)	3 min.	4 min.

ConductaClean® incorporates technology developed by the Electric Power Research Institute.



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patent pending

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