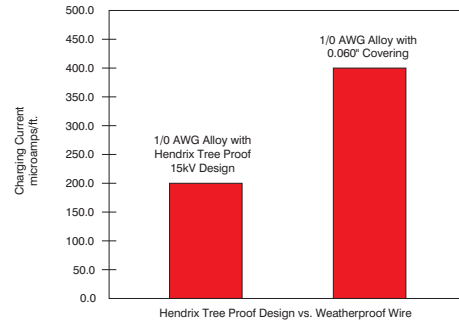


Circuit Reliability:

Hendrix tree wire is able to withstand contact with trees or animals or even phase to phase contact without faulting. The wall thickness of the extruded polyethylene is determined by the voltage class. The proper thickness is important for long term operation of the conductor. Above 5kV, a single layer "weatherproof" covered wire does not have a sufficiently thick covering to withstand continuous tree contact for prolonged periods. The comparison below shows the charging current for the two designs.



Seacoast Areas:

Low charging current, long leakage distance and natural hydrophobic qualities of the polymeric materials make tree wire systems well suited for salt fog contaminated environments. The covering also prevents corrosion of the metallic conductor. Environments with severe drought or contamination conditions as outlined by IEC 815 should consult the factory.



Raptor Protection:

The user of Hendrix Tree Wire provides Raptor Protection at its best. The use of covered conductors protects Raptors, Migratory Birds, and Endangered Species by preventing accidental contact of live conductors during landing and takeoff.



Ease of Installation:

Installation of tree wire becomes more efficient when using Hendrix Vise-Top insulators with the Hendrix Vise-Top Stringing Tool. The stringing tool is clamped in the top of the insulator and allows tree wire to be pulled in without the need for separate stringing blocks. After the conductors are tensioned, the tool is removed and the clamp is tightened around the conductor. This method saves time because stringing blocks do not need to be installed and removed, and conductors do not need to be moved from the stringing blocks to the insulators.

