



**Built with purpose.
Designed for quality.**

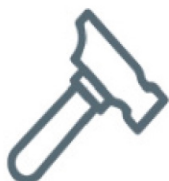
Composite Distribution Poles

Cecil Energy Structures is new, but the talent behind our products is not. Backed by a team with over 100 years of steel pole manufacturing experience and global leaders in filament-wound composites, we were built and designed from the ground up to address the increasing demand for durable, quality, easy-to-install transmission and distribution poles.



The Smart Alternative

Carefully constructed of filament-wound fiberglass reinforced plastic (FRP) composite, our distribution poles are a fantastic alternative to traditional steel, concrete, and wood poles. In addition to being lightweight, strong and non-conductive, the hollow construction of our poles solves several problems presented by traditional wood poles, including corrosion and strength degradation; sitting wireless, cellular, satellite, and radio hardware; storing wires inside the pole; and copper theft.



Safe and Durable

The filament winding process allows for precise strength parameters to be tweaked during manufacturing to meet unique requirements of a specification and provide exceptional strength and performance. Our poles are then rigorously tested to failure on our on-site test bench to ensure our products are not only manufactured exactly as intended but also stand up as expected. Additionally, unlike wood poles, composite poles do not lose strength over time.



Easy to Install and Maintain

The small footprint and lightweight design of our poles allow for easy install in a wide-range of areas — from hard-to-access backyards to remote wilderness areas. And, given the non-corrosive properties and life expectancy of 60-plus years, Cecil Energy Structures' composite poles translate to a massive reduction in maintenance and replacement costs.



Rock Stars in the Natural Environment

Our composite poles are intentionally designed to withstand the strenuous environments for which they are needed. They resist corrosion, rot, UV rays, water absorption, insects, and woodpeckers. And, in a time of unprecedented forest fires, our poles are extremely fire resistant — allowing for line and equipment support even after a disastrous wildfire.

cecilenergystructures.com

Composite Distribution Poles

Pole Designs

Pole installation and maintenance costs causing you headaches? The effects of weathering, termites and woodpeckers, rusting, high winds, and fires take a significant toll on utility support infrastructure every year — driving up maintenance costs, increasing circuit interruptions, and reducing system reliability.

Filament wound on state-of-the-art equipment, Cecil Energy Structures' round-tapered, direct-burial distribution poles offer the strength and durability our constantly changing environment demands. With UV protection built into every stage of the manufacturing process, our poles are stringently designed and tested to ensure they meet and exceed the performance of traditional wood poles.

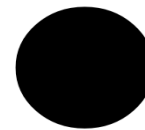
Part Number	Class	Length (ft.)	Embed Depth (ft.)	Tip Dia O.D. (in.)	Butt Dia O.D. (in.)	Weight (lbs.)	ANSI Tip Load (lbs.)	Break Load (lbs.)	Bending Stiffness (lb/sqft)
C-C1-35	1	35	5.5	10.4	15.4	345	2,925	3,487	5,245,028
C-C1-40	1	40	6.0	10.4	16.1	400	2,925	3,303	6,266,693
C-C1-45	1	45	6.5	10.5	16.8	465	2,925	3,183	6,743,838
C-H1-35	H1	35	5.5	10.5	15.3	460	3,510	6,368	7,851,731
C-H1-40	H1	40	6.0	10.5	16.0	535	3,510	6,041	9,024,210
C-H1-45	H1	45	6.5	10.6	16.7	615	3,510	5,898	9,619,013
C-H1-50	H1	50	7.0	10.6	17.4	681	3,510	5,565	10,646,503

Standard Color Options

Our products are constructed using a fully pigmented, UV-and-weather-resistant resin system then finished with an additional glossy, UV-protected top coat. The result is a state-of-the-art pole built to last the test of time.



Dark Brown (DB)



Black (BK)



Gray (GR)

