

MADE IN THE USA



DURAtel

Smarter, Stronger, Greener



Duratel offers a broad range of composite products for the utility, lighting, and wireless telecommunication industries. We specialize in manufacturing monopoles, H-frame structures, crossarms and accessories. Our focus is to provide smarter, stronger, and greener solutions for a new grid infrastructure.

Stronger

Inclement weather conditions and/or natural disasters such as hurricanes, tornadoes, ice storms, and fires pose significant challenges to many utilities. Duratel provides a comprehensive solution that mitigates the risk of outages and makes restoration of power in the event of an outage safe and efficient. Duratel products provide greater grid reliability than current infrastructure, and can be produced and installed in a shorter timeframe than alternatives. Duratel poles are engineered to meet or exceed wood pole class requirements while remaining lighter than all alternative materials.



Smarter

Relative to the alternatives, Duratel poles are easier and more cost-effective to install and maintain as they require minimal equipment and manpower. Their lightweight design allows significantly more poles to be shipped per truckload than with wood, steel, or concrete. Additionally, Duratel's patented baseplate design makes Duratel products ideal for installations in back lots, difficult access areas, rocky terrain, marsh, or shoreline.

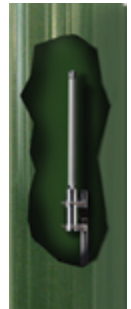
Greener

Besides taking a toll on America's forests, using wood poles requires repeated costly inspections and toxic treatment for rot, infestation, and weathering. The chemicals used in these processes are hazardous, and some have been classified as carcinogenic. These chemicals often leach into local soil and ground water, demanding even more expensive cleanup. Additionally, salvaged wood poles - though classified as hazardous waste - are frequently burned or added to landfills, releasing toxic poisons into the environment. Steel and concrete poles are also susceptible to corrosion and may leach chemicals, especially in high salt or humidity areas. Duratel poles reduce the overall carbon footprint of a grid, require little or no maintenance, and can withstand the harshest conditions the world has to offer. The use of Duratel products provides utilities and telecoms a safe and affordable alternative with the benefit of minimal maintenance over 80+ years.



WI-FI

Duratel poles are engineered for emerging technologies in the 21st century. Our hollow poles provide plenty of interior space for wireless antennae or other equipment and our composite material is virtually transparent to wi-fi frequencies. The removable top cap allows easy access while providing protection from the elements and stealth security for equipment or cellular panels.



LIGHTING

Duratel's composite light poles offer a safer, more durable, and longer-lasting alternative to traditional materials like concrete, aluminum, and steel. The innovative composite material used in Duratel poles is non-conductive, mitigating electrical hazards, and can be delivered in an array of custom colors.



POLES & H-FRAMES

Utilities seeking to implement standards of uniform design and strength with their transmission and distribution power lines need look no further than Duratel's full range of reinforced composite products. Duratel's monopoles and H-frame structures provide improved strength-to-weight ratio and long-term durability by meeting or exceeding ASTM requirements for wood.



CROSSARMS

When compared to wood crossarms, Duratel composite crossarms offer better long-term return on investment with superior load capacity, lighter weight, longer service life, and more consistent performance over time. Duratel's reinforced composite crossarms can be manufactured to custom specifications and can easily accommodate insulator hardware.



BASEPLATE INSTALLATION

Duratel's baseplate option has emerged as a new tool for utilities to install service lines in areas that have traditionally been difficult to negotiate or completely inaccessible.

Duratel steel bases, which fit securely inside Duratel's hollow poles, can be securely anchored in granite, slate, or other rocky terrain. They may also be fixed to concrete foundations for urban or back lot applications. Once installed, this option allows for easy above ground access.



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