

Advanced Composite Material Tapered Rectangular Handhole Enclosures

TIER RATED UNDERGROUND ENCLOSURES (TRUE)

Charles Industries has achieved a major breakthrough in material science as applied to grade level enclosures. Utilizing a process first proven and perfected in the manufacture of wind turbine blades, marine vessels and aircraft, Charles has developed an Advanced Composite Material (ACM) formulation that, when molded, provides superior performance and integrity exceeding industry tier loading standards during load testing. Through the use of its proprietary ACM formulation, Charles has developed grade level enclosures that meet and exceed Tier 15 Loading while weighing up to 50-75% less than equivalent useable volume polymer concrete alternatives.



Applications

- Fiber optic, copper and coaxial slack cable coiling and storage
- Access to sealed cases (splice cases, repeaters, load coils, SmartCoils[™], etc.)
- Meter boxes / Junction boxes / Pull boxes
- Irrigation system and other waterway control valves / Valve and Hose boxes
- Traffic and railway signal controls
- Ground rods



PCE Source—Distributors of Power, Connectivity and Telecom Equipment