OMCO C PILE FOUNDATION

About

OMCO Solar® is your one-source partner, combining quality foundation solutions, 100% domestic content, competitive pricing, expert support, and industry-leading responsiveness. As the supplier and manufacturer, we ensure logistics savings, fast lead times, and customization to meet site-specific and customer requirements. Our nationwide manufacturing footprint and direct product interaction delivers unmatched value for all modules and solar project complexities.

ACCOMODATING
Accomodates challenging soils

STRENGTH
High pull strength

BUCKLE PROOF
2x resistance to buckling

OPTIMIZATION
2 gauge options for optimized spans

COMPATIBITY
Compatible with all OMCO Solar mounting systems

DRIVABILITY
Cross-sectional area = drivability

UPLIFT RESISTANCE
Pile perimeter improves uplift resistance

Why Choose Us?

- Factory Direct
- Short Lead Times
- Low Freight Costs
- Reduced Field Labor
- Cost Efficient
- Quality Assurance
- Enhanced Flexibility
- 180 MPH Wind Capacity

OMCO Foundations High Domestic Content
Made by OMCO Solar® in Our 5 US Manufacturing Plants

OMCO C PILE FOUNDATION

MAXIMUM BEAM SPANS & REDUCED COST PER WATT

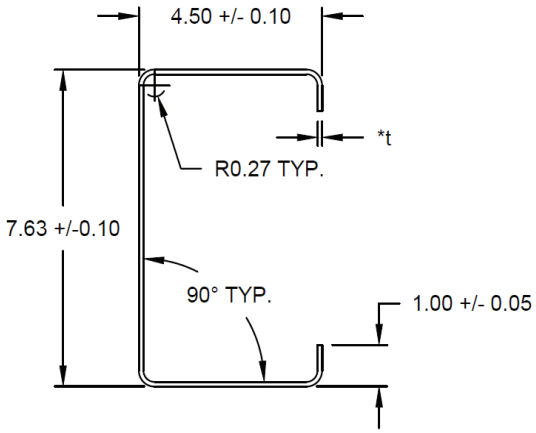
Driven piles for ground mount solar structures are one of the most ideal foundation types. OMCO's C Piles have been designed to offer significant advantages that make them the number one choice for your project. Driven piles are less expensive to manufacture and install.

All piles are made in our U.S. manufacturing facilities from high yield strength steel including roll-formed, holes and slots inline, and pre-galvanized with a G235 zinc coating. A more uniform and reliable service life than the standard hot dipping process which is an expensive and environmentally challenging operation.

The OMCO C Pile offers a higher moment of inertia than typical W Pile sections which reduces deflections and ultimately embedments in some cases. A higher section modulus equates to higher resistance to bending as well.

OMCO Solar offers (2) standard pile material thicknesses to support our Choice and Origin product lines.

	MEDIUM DUTY (t=0.112")		HEAVY DUTY (t=0.145")			
OMCO SOLAR C PILE SECTION PROPERTIES	Cross Section Area (A) $in.^2$	Pile Perimeter (Skin Friction Design), in.	Weight of Pile, lb/ft.	Moment of Intertia (I) X-X Axix $in.^4$	Section Modulus (S) X-X Axix $in.^3$	Radius of Gyration (r) X-X Axix in.
C Pile (t=0.112")	2.001	24.25	6.80	19.63	5.15	5.09
C Pile (t=0.145")	2.561	24.25	8.70	24.82	6.51	5.044



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ISO 9001 Quality