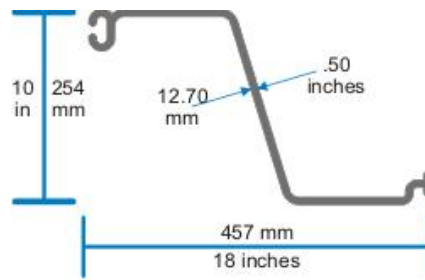


# TW90 TECHNICAL DATA SHEET



Constituent Material	PVC, Exterior Grade Rigid only	PVC, Exterior Grade Rigid only	
Section Width (W)	18 inches	457 mm	
Section Depth (D)	10 inches	254 mm	
Section Thickness (T)	.500 inches	12.70 mm	
Weight	9.20 lbs/lineal foot	13.32 kg/lineal meter	
Moment of Inertia	173.0 in4/ft	23,625 cm4/m	
Section Modulus	33.5 in3/ft	1,801 cm3/m	
Ultimate Moment	18,492 ft-lbs/ft	8,507 kg-m/m	
Allowable Moment	9,246 ft-lbs/ft	4,253 kg-m/m	
Tensile Strength	ASTM-D638	6,500 lbs/in2	44.8 Mpa
Flexural Strength	ASTM-D790	11,140 Psi	78.0 Mpa
Modulus of Elasticity	ASTM-D790	380,000 Psi	2,620 Mpa
Notched Izod Impact	ASTM-D256	13.75 lbs/in	2.46 kg/cm
Heat Deflection Temperature	ASTM-D648	158 degrees F	70 degrees C

- Available Colors** Tidewall Vinyl Sheet Piling comes in a standard color of light gray, but it is also available in clay, slate, tan, brown, and other custom colors upon request.
- UV Protection** All Tidewall Products are produced from highly weatherable, UV-stabilized rigid PVC.
- Lifetime Warranty** Tidewall Vinyl Sheet Piling products are covered by a transferable 60 year Limited Warranty that protects against manufacturing defects.