



Constituent Material	PVC, Exterior Grade Rigid only	PVC, Exterior Grade Rigid only
Section Width (W)	18 inches	457 mm
Section Depth (D)	12 inches	305 mm
Section Thickness (T)	.460 inches	11.70 mm
Weight	9.0 lbs/lineal foot	13.25 kg/lineal meter
Moment of Inertia	235.6 in <sup>4</sup> /ft	32,179 cm <sup>4</sup> /m
Section Modulus	37.0 in <sup>3</sup> /ft	1,990 cm <sup>3</sup> /m
Ultimate Moment	20,052 ft-lbs/ft	9,224 kg-m/m
Allowable Moment	10,026 ft-lbs/ft	4,612 kg-m/m
Tensile Strength	ASTM-D638 6,500 lbs/in <sup>2</sup>	44.8 Mpa
Flexural Strength	ASTM-D790 10,200 Psi	70.3 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 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.

The information provided are nominal values and are believed to be accurate. To insure that you select the proper Tidewall Vinyl Sheet Piling product for your particular application, Tidewall recommends that you consult with a qualified local engineer and/or contractor. Tidewall makes no warranty of any kind as to the suitability of Tidewall Vinyl Sheet Pile for a particular application, or the results obtained therefrom. Tidewall Vinyl Sheet Piling is engineered for the sheet piling construction industry according to United States Army Corps of Engineers design guidelines and tested to ASTM material specifications.