

# SPECIFICATION

## HOT DIP GALVANIZED METRIC SHEET PILING

- Scope:** This specification covers structural quality, light gage, interlocking steel sheet piling.
- Material:** The steel shall conform to the requirements of ASTM A 1011 (Grade 30). The minimum yield point shall be 30,000 psi and the minimum tensile strength shall be 49,000 psi.
- Manufacture:** The sheet piling shall be manufactured in accordance with ASTM A 857, "Standard Specification for Steel Sheet Piling, Cold Formed, Light Gage".
- Galvanizing:** The sheet piling shall be hot-dip galvanized in accordance with ASTM A 123 at a rate of 2.0 ounces per square foot (total both sides).
- Product:** The nominal physical properties of the steel sheet piling shall conform to the requirements tabulated below.

GAGE	THICKNESS (in.)	SECTION MODULUS (in <sup>3</sup> )	
		PER SECTION	PER FT.
12	0.1046	3.18	1.76
10	0.1345	4.07	2.25
8	0.1644	4.95	2.75
7	0.1793	5.39	2.99
5	0.2092	6.28	3.48

- Additional Requirements:** The sides of each piece of sheet piling shall be furnished with an interlock that is continuous for the full length of the sheeting.
- Certifications:** Upon request, the manufacturer shall certify that the requirements of this specification have been met.
- Reference the project plans for the gage, length, special sections and quantity requirements.



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METRIC SHEET PILING

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