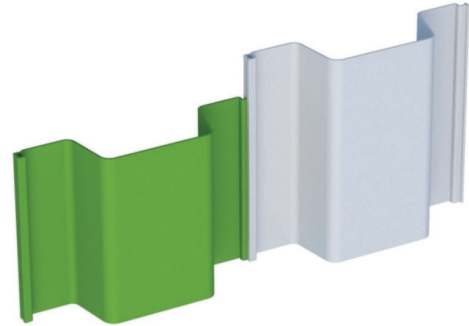
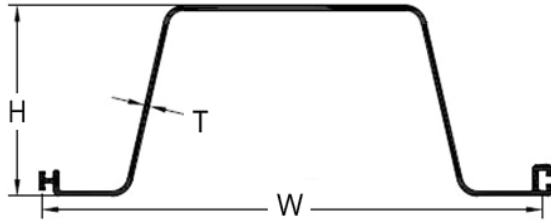


## ESC-GW610-6.4 VINYL BOX PROFILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	23.9	mm	606
Section depth (H)	in	7.1	mm	180
Thickness (T)	in	0.25	mm	6.4
Cross-section area	in <sup>2</sup>	9.7	cm <sup>2</sup>	62.6
Section modulus	in <sup>3</sup> /ft	11.4	cm <sup>3</sup> /m	613
Moment of inertia	in <sup>4</sup> /ft	40.4	cm <sup>4</sup> /m	5514
Allowable moment	ft-kips/ft	3	kNm/m	13.5
Ultimate moment	ft-kips/ft	6.1	kNm/m	27.0
Ultimate stiffness	ibf-in <sup>2</sup> *10 <sup>6</sup> /ft	15.2	kNm <sup>2</sup> /m	143.4
Impact strength Charpy test	ft-lbs/ft <sup>2</sup>	≥ 14.3	kJ/m <sup>2</sup>	≥30
Weight Per Pile	lb/ft	6.45	kg/m	9.6
Weight Per Wall	lb/ft <sup>2</sup>	3.05	kg/m <sup>2</sup>	14.9

\*Safety factor = 2

Tolerance in accordance with the State technical assessment.

### ESC STEEL LLC



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