

Marino\WARE® Product Submittal Data

PRODUCT NAME: 7/8 X 1-3/8 UTILITY ANGLE

PROPERTIES:

Leg A (in)	7/8	Yield Strength Fy (KSI)	33
Leg B (in)	1-3/8	Tensile Strength Fu (KSI)	45
Mils	33	Design Thickness (in)	0.0346
Available Finish	G40, G60, G90	Minimum Thickness (in)	0.0329
		Gauge	20 STR

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.0753
Weight of Member: (lb/ft)	0.2559
Moment of Inertia: I_x (in ⁴)	0.1563
Section Modulus: S_{x-t} (in ³)	0.1957
Section Modulus: S_{x-b} (in ³)	0.1973
Gross Section Modulus: S_{y-l} (in ³)	0.0121
Gross Section Modulus: S_{y-r} (in ³)	0.0087
Gross Moment of Inertia: I_y (in ⁴)	0.0048

CODES & STANDARDS

- AISI S100, IBC 20105, 2018, 2021 compliant
- ASTM C955 & AISI S240 (33 mil - 118 mil)
- ASTM C645 & AISI S220 (18 mil - 33 mil)
- Galvanized steel sheet meets ASTM A1003 or A653

GREEN INFO

- LEED credits available
- Contact Technical Services for more information.

09.22.16 Non Structural Metal Framing
05.40.00 Cold-Formed Metal Framing

