



Product: Black Iron

Product Info: Section Properties For Black Iron

Section Properties for Black Iron

Section	Design Thickness (in)	Gross Properties					33 KSI Effective Properties				
		Area (in ²)	Weight (lb/ft)	I _{xx} (in ⁴)	R _x (in)	I _{yy} (in ⁴)	R _y (in)	I _{xx} (in ⁴)	S _{xx} (in ³)	M _a (in-k)	V _e (lb)
075BI-54	0.0588	0.092	0.315	0.007	0.305	0.002	0.164	0.0074	0.0210	0.483	401.100
150BI-54	0.0588	0.138	0.462	0.042	0.578	0.003	0.151	0.0420	0.0557	1.302	990.150



ASTM & Code Standards:

- AISI North American Specification [NASPEC] S100-07 with 2010 Supplement.
- * Effective properties incorporate the strength increase from the cold work of forming
- Gross properties are based on the full-unreduced cross section, away from the punchouts
- Structural framing is produced to meet or exceed ASTM C955, A653 and A1003
- Galvanized sheet steel meets or exceeds requirements of ASTM A924

Contractor Info:



Architect Info:



Project Info:

