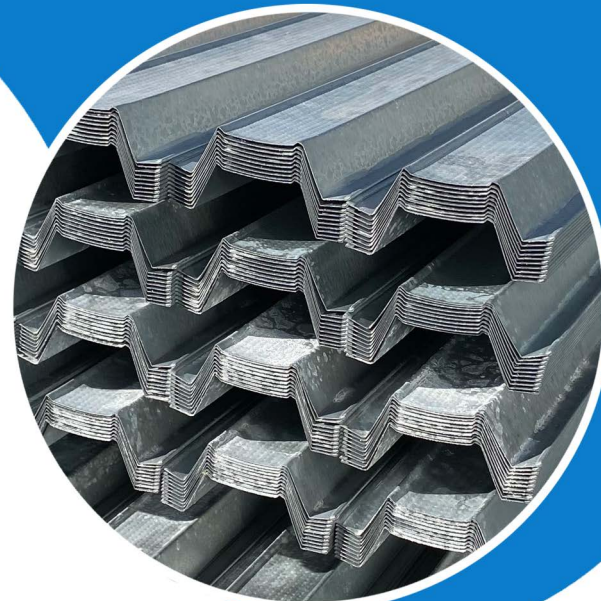


Furring Channels (F)



MATERIAL	
Yield Strength F_y (KSI)	33
Tensile Strength F_u (KSI)	45
Design Thickness (in)	0.0283
Minimum Thickness (mil)	27
Gauge	22
Available Finish G60, G90	

PRODUCT ID

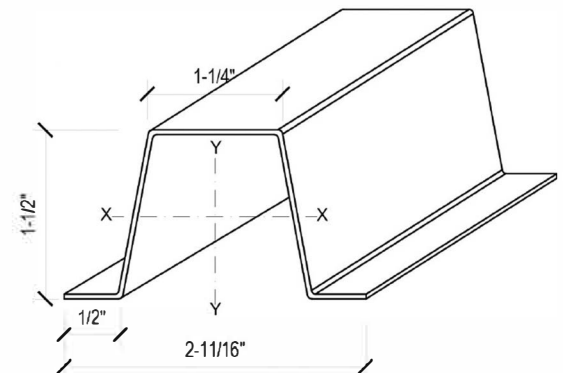
150 F 125- 27 ($1\frac{1}{2} \times 1\frac{1}{4} \times 22$ ga)

CODES & STANDARDS

- ASTM A 1003, A 653, & C 955
- AISI S100-16

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.485
Cross Sectional Area: A (in ²)	0.143
Moment of Inertia: I_x (in ⁴)	0.046
Radius of Gyration: R_x (in)	0.569
Moment of Inertia: I_y (in ⁴)	0.077
Radius of Gyration: R_y (in)	0.737

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: I_{xe} (in ⁴)	0.046
Section Modulus: S_{xe} (in ³)	0.057
Allowable Bending Moment: M_a (in-k)	94.22
Allowable Shear Force: V_a (lb)	390



See Hermes/Hephaistos Technical Manual
for complete design data