

## WIRE

### MATERIALS:

**Carbon steel wire: ASTM A1064/A1064M**  
(Tensile Strength - 80,000 psi)

**Steel wire for masonry joint reinforcement:**  
ASTM A951/A951M - TMS 402-13/ACI 530-13/ASCE 5-13

### FINISHES:

**Brite Basic:**  
no coating

**Mill Galvanized:**  
ASTM A641/A641M (0.1 oz/ft<sup>2</sup>)  
ASTM A641/A641M (0.4 oz/ft<sup>2</sup>) and ASTM A641/A641M  
(0.8 oz/ft<sup>2</sup>) available on special order

**Hot Dipped Galvanized:**  
ASTM A153/A153M-B2 (1.5 oz/ft<sup>2</sup>)

**Stainless Steel:**  
ASTM A580/A580M - AISI Type 304 (316 on special order)

### DIAMETER:

**9 Gauge** (.148" or W1.7)  
**3/16"** (.187" or W2.8)

## SHEET STEEL ITEMS

### MATERIALS:

**Carbon Steel Sheets: ASTM A1008/A1008M**

### FINISHES:

**Mill Galvanized:**  
ASTM A653/A653M Class G60 (0.6 oz/ft<sup>2</sup>)

**Hot Dipped Galvanized:**  
ASTM A153/A153M-B2 (1.5 oz/ft<sup>2</sup>)

**Stainless Steel:**  
ASTM A666, ASTM A480/A480M, and  
ASTM A240/A240M – AISI Type 304 (316 on special order)

**HOHMANN & BARNARD** recommends using type 304 or 316 Stainless Steel in all building projects to protect against corrosion and limit thermal transfer in the wall cavity. Please visit [www.h-b.com](http://www.h-b.com) for the most up to date technical information.

## EFFECTIVE STEEL AREA (IN<sup>2</sup>)

	4" wall	6" wall	8" wall	10" wall	12" wall	14" wall	16" wall
<b>#120 Truss</b>							
Standard - 9ga. S/R x 9ga. C/R	.051	.050	.048	.047	.045	.044	.043
Extra Heavy - 3/16" S/R x 9ga. C/R	.072	.071	.069	.068	.066	.065	.064
Super Heavy Duty - 3/16" S/R x 3/16" C/R	.073	.072	.070	.069	.067	.066	.065
<b>#220 Ladder</b>							
Standard - 9ga. S/R x 9ga. C/R	.0345	.0345	.0345	.0345	.0345	.0345	.0345
Extra Heavy - 3/16" S/R x 9ga. C/R	.0554	.0554	.0554	.0554	.0554	.0554	.0554
Super Heavy Duty - 3/16" S/R x 3/16" C/R	.0554	.0554	.0554	.0554	.0554	.0554	.0554

**IMPORTANT:** Since each construction project is unique, the appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other appropriate professionals who are familiar with the specific requirements of the project in question.

This catalog is intended as a design aid for use in North America, and on projects world-wide where North American design parameters have been used.

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