



MATERIAL SPECIFICATIONS

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CHANNEL

Pre-Galvanized

ASTM A-653 Grade 33 Steel Sheet Zinc
Coated by Hot Dip Process

Plain, Powder Coated, or Hot Dip Galvanized

ASTM A-1011 / A-1011M Grade 33, Hot Rolled Carbon
Steel Sheet and Strip, Structural Quality

Stainless Steel

ASTM A-240, Type 304, and ASTM A-240, Type 316

Aluminum

Aluminum alloy 6005-T5

ACCESSORIES

Steel

¼" thickness and below ASTM A-1011 / A-1011M
1008-1010 Grade, Commercial Quality;
⅜" thickness and above ASTM A-36,
Structural Grade C.Q.

Stainless Steel

ASTM A-240, Type 304, and ASTM A-240, Type 316

Aluminum

Aluminum alloy 6005-T5 Structural Grade

PIPE CLAMPS

Steel

ASTM A-1011 / A-1011M, 1008-1010 Grade,
Commercial Quality

Stainless Steel

ASTM A-240, Type 304 and
ASTM A-240 Type 316

CHANNEL NUTS

Steel

ASTM A-576, Grade M1015,
Case Hardened to RC25 min.

Stainless Steel

ASTM A-240, Type 304,
and ASTM A-240, Type 316

Aluminum

Aluminum alloy 5052-H32

ALUMINUM

High corrosion resistance makes aluminum a good choice for many indoor and outdoor applications. The high strength to weight ratio of aluminum significantly reduces the overall cost of installation because of the ease in handling and cutting. To determine the approximate load data for strut, multiply the load data found in this catalog by a factor of 0.38.

STAINLESS STEEL

Because of its corrosion resistance, stainless steel is recommended for applications where corrosion is a problem. Load data for strut is the same as the load data in this catalog.