



GENERAL PRODUCT SPECIFICATIONS

GALVANIZED STEEL TUBING MECHANICAL PROPERTIES:

Yield Strength (min): 49,500 PSI

Tensile Strength (min): 57,500 PSI

% Elongation in 2 inches: 25

VERTICAL POST:

5" Series 11 gage galvanized steel

4.5" Series 13 gage galvanized steel

3.5" Series 13 gage galvanized steel

4" x 4" composite post with aluminum inter core

GALVANIZED STEEL TUBING:

3.125" O.D. 13 gage

2.375" O.D. 13 gage

1.900" O.D. 13 gage

1.250" O.D. 14 gage

1.100" O.D. 16 gage

Formed and fabricated into required components

Finished as specified

Complies with ASTM standards: A-500/A-513

ROTATIONALLY MOLDED PLASTICS:

Low density polyethylene with UV-stabilized color

Tensile strength is 2,500 PSI as defined by ASTM D-638

Minimum wall thickness is 0.250"

BLOW MOLDED PLASTICS:

High-density polyethylene with UV-stabilized color

Nominal wall thickness is 0.200"

CLAMPS:

Die cast

High strength aluminum

Powder coated to match vertical post as specified

HARDWARE:

Stainless Steel Grade 304

Resistant to rust & corrosion

Tamper-resistant button head TORX

Varying lengths

PLASTISOL COATED PRODUCTS:

12 gage steel

50,000 psi yield strength (ASTM E-8)

55,000 psi tensile strength (ASTM E-8)

Nominal thickness of .080"

Self-extinguishing

Meets or exceeds automotive specification NVSS302

UV Inhibitors to prolong life of the coating

Meets or exceeds the heavy metal requirements of the CPSIA Act of 2008

POWDER COATING:

Minimum of 8 mills thick

Electrostatically applied

TGIC polyester powder baked on at 400 degrees

Free of sharp edges and excess weld splatter

Cleaned in an iron phosphate wash

Resistant to salt spray (ASTM B-117)

Resistant to humidity (ASTM D-2247)

Lead free

HDPE PANELS:

1/4", 1/2" and 3/4" high density polyethylene sheeting

Solid and two color sheeting

Tested in accordance with ASM D1928 Procedure C

Density per ASTM D1505

Melt Index per ASTM D1238

Tensile Strength and Ultimate Elongation per ASTM D638 Type 4

Brittleness temperature per ASTM D746

Flexural modulus per ASTM D790

Coefficient of linear thermal expansion per ASTM E831

Textured, matte finish

UV stabilized