



PREMIER POLYSTEEL

The Best Commercial Outdoor Furniture Available. Period.



Phone: 877-746-3826 ~ Fax: 641-324-1092 ~ Web: www.premierpolysteel.com ~ Email: sales@premierpolysteel.com

Premier Polysteel Specifications for all styles benches, tables, bike racks, and receptacles. Plastisol specifications included. Last updated January, 2014

Square and Round Table

Top and Seat: HR steel 3/4" #9 standard expanded metal or 14 gauge perforated steel or .192 welded rod. Seat measures 10" across. Attached perimeter frame and supporting structure is made from HR steel. A 2" schedule 40 pipe is welded in the center of top. When coated will accept a 1.625" diameter umbrella pole (free standing only). **Free Standing Legs:** Completely sealed pipe size tubing that measures 1.66" OD prior to plastisol (PVC) coating. **X Brace** is HR steel. **Direct Bury Center Post:** 6" square tube; Top of pipe is sealed. Bottom of pipe is sealed and has horizontal .5" rebar extensions for securing in concrete. Seat and Top supports are made of 2" square tubing. The 2" tube is plastisol coated to approximately 2-3/8" OD. Seat arms are made of 4" OD square tubing. No umbrella hole on Direct Bury. **Multi Ped Direct Bury Table** post is made of 4" pipe size tubing, Seat Post is made of 3" pipe size tubing. Bottom of post is sealed and has horizontal 1/2" rebar extensions for securing in concrete. All above are plastisol coated with UV and fungus resistant oven cured plastisol to a thickness of approximately 1/8". All hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Rectangle and Oval Table

Table Top and Seat: HR steel 3/4" #9 standard expanded metal or 14 gauge perforated steel or .192 welded rod. Seat measures 10" across for Champion and Northwoods styles and 12" across for Classic style. Attached perimeter frame and supporting structure is made from HR steel. A 2" schedule 40 pipe is welded in the center of top. When coated will accept a 1.625" diameter umbrella pole (except 10' and single ped direct bury). **Free Standing Legs:** Completely sealed pipe size tubing that measures 1.90" OD (Polyped 2.375" OD pipe) prior to plastisol (PVC) coating. Leg diagonal brace is made of pipe size tubing that measures 1.05" OD prior to plastisol (PVC) coating. **Direct Bury Double Pedestal stand** vertical posts are made of 4" pipe size tubing, arms are made of 3" pipe size tubing. Bottom of post is sealed and has horizontal 1/2" rebar extensions for securing in concrete. **Surface Mount** has same pipe tubing as direct bury. Bottom of each surface mount post has a base plate of HR steel measuring 8" dia. x 1/2". All above are plastisol coated with UV and fungus resistant oven cured plastisol to a thickness of approximately 1/8". All Hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Specifications for Square and Rectangle Kid's Table

Top and Seat: HR steel 3/4" #9 standard expanded metal or 14 gauge perforated steel. Seat measures 10" across. Attached perimeter frame and supporting structure is made from HR steel. A 2" schedule 40 pipe is welded in the center of top. When coated will accept a 1.625" diameter umbrella pole (free standing only). **Free Standing Legs:** Completely sealed pipe size tubing that measures 1.66" OD prior to plastisol (PVC) coating. **X Brace** (on square kid's table only) is HR steel. **Pipe has no holes to allow access by bees or other insects.**

Bench

Bench Seat & Back HR steel 3/4" #9 standard expanded metal or 14 gauge perforated steel or .192 welded rod. Seat measures 10" across for standard Champion and Northwoods styles and 12" across for Classic style, 15" for Supreme Champion and Northwoods styles and 18" across for Classic Supreme style. Attached perimeter frame and supporting structure is made from HR steel. **Bench Legs** are made of 1.9" OD round tubing. All above are plastisol coated with UV and fungus resistant oven cured plastisol to a thickness of approximately 1/8". All hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Grand Contour Bench

Bench Stands 4' & 6' benches: made of 2.375" OD pipe. Inline & 45 degree benches: made of 1.66 OD pipe. **Expanded Seat** HR steel 3/4" #9 standard expanded metal. **Welded Rod Seat** is .192 welded rod. **Laser Seat** is 12 gauge HR steel. Side frame of 1/4" HR plate, width frame of 1/4" x 1" HR steel. All above are plastisol coated with UV and fungus resistant oven cured plastisol to a thickness of approximately 1/8". All hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Patio Chair Expanded Seat: HR steel 3/4" #9 standard expanded metal. Welded Rod Seat: .192 welded rod. Laser Seat: 12 gauge HR steel. Side frame: 1/4" HR plate, width frame of 3/16" x 1" HR steel. Legs: 3/4" pipe size tube. Pipe has no holes to allow access by bees or other insects. Pipe has no holes to allow access by bees or other insects.

Patio Table Expanded Metal Top: HR steel 3/4" #9 standard expanded metal. Laser Cut Steel Top: 14 gauge HR steel.

Attached perimeter frame and supporting structure is made from HR steel. A 2" schedule 40 pipe is welded in the center of top. When coated will accept a 1.625" diameter umbrella pole. Legs: 1-1/4" pipe size tube. Pipe has no holes to allow access by bees or other insects.

Chaise Lounge Seat & Back: HR steel 3/4" #9 standard expanded metal. Seat measures across 22-1/4" across. Attached perimeter frame and supporting structure is made from HR steel. Lounge Chair base frame is 1-1/4" pipe size tube.

All above are plastisol coated with UV and fungus resistant oven cured plastisol to a thickness of approximately 1/8". All hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Bike Rack

Gate Style: Ends and bottom rail are made out of plastic coated pipe that measures 2-3/8" OD. Bike fence is made of plastic coated pipe that measures 1-5/16 and 2-3/8" OD. All above are plastisol coated with UV and fungus resistant plastisol to a thickness of 1/8". **Loop Style:** Made of 2" (ID) schedule 40 pipe that has the following measurements prior to coating: 2.375 OD. Base plates are made of 8" diameter .1875" HR steel plate which is solidly welded to loop. For direct bury model 1/4" HR steel cross rods are welded on pipe below grade to impede movement in a poured concrete foundation. All above are plastisol coated with UV and fungus resistant plastisol to a thickness of 1/8". All hardware is .304 stainless steel. Pipe has no holes to allow access by bees or other insects.

Receptacle and Planter

Base is made of 10 gauge HR steel. Optional surface mounting plate included. **Top** is made of 16 gauge HR steel. **Receptacle Arch Lid** is made of 16 gauge HR steel. **Side Bars** are made of 11 gauge steel. **Expanded Sides** for square receptacle and planter are made of 3/4" #9 expanded metal. Round receptacle sides are made of 3/4" #9 flat expanded metal. **Welded Rod Sides** are made of .192 welded rod. **Laser Sides** are 12 gauge HR steel. **Perforated Sides** are 14 gauge perforated steel. All above are plastisol coated with UV and fungus resistant plastisol to a thickness of 1/8". All hardware is .305 stainless steel.

Tree Grate and Guard Two piece **Grate** is made of 10 gauge HR sheet. **Guard** is made of 3/16" x 1" HR steel. All above are plastisol coated with UV and fungus resistant plastisol to a thickness of 1/8". All hardware is .305 stainless steel.*



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Specifications for Plastisol (PVC) Poly-Vinyl Chloride Coating

Material: Plastisol (PVC) shall have:

Antimicrobial (non-leaching) to help prevent microbiological attack on the plastisol (PVC) surface that can cause the loss of aesthetic appearance, mildew odors, embrittlement and premature product failure. Testing Data available Per ASTM G21-90.

Tensile strength of no less than 1800 psi per ASTM D412.

Elongation of no less than 200% per ASTM D412

Tear strength of no less than 300lb/in per ASTM D624.

Hardness of 90 ± 5 (Durometer, Shore A (Instant)) per ASTM D2240.

Flammability – Pass per FMVSS 302

UV stabilized – guaranteed to not show significant fading for 5 years per written warranty

Process: Prior to plastisol coating, each part shall be chemically washed, dried, heated and coated in a heat activated primer and dried. After drying, each part shall be pre-heated in a convection oven to a temperature of no less than 400° F, dipped into liquid Plastisol (PVC) and cured in a convection oven at a temperature no less than 350° F. **All parts shall have a coating thickness of .125”-.25”.**

Premier Polysteel products are completely plastisol coated (frames and legs included) with a thick, UV stabilized, mold and mildew resistant plastisol coating which is compliant with worldwide standards. Premier Polysteel is committed to being an environmentally conscious company and recognizes the importance of being committed to continually finding ways to support our environment.