



Durable Lightweight Furniture Systems

Composite Core Circular Table

SPECIFICATIONS



Size	Model Number	Size	Model Number	Size	Model Number
24" [61cm] Diameter	CT 24	42" [107cm] Diameter	CT 42	60" [152cm] Diameter	CT 60
30" [76cm] Diameter	CT 30	48" [122cm] Diameter	CT 48	66" [168cm] Diameter	CT 66
36" [91cm] Diameter	CT 36	54" [137cm] Diameter	CT 54	72" [183cm] Diameter	CT 72

Outer Shell:

1. The top plastic shell, or tabletop surface, shall be formed from a nominal .070" [1.8mm] thick (.080 thick for CT 66 and larger) sheet of high impact ABS plastic. The entire top shell shall be permanently bonded to an internal wood laminate core.
2. The table shell is supplied in four textured finishes or five smooth finishes.
3. The edge thickness of the table shall be a nominal 3/4" [19mm] and shall accept standard industry skirting clips.
4. The table top edge radius shall be nominally 3/16" [4.8mm]. The table bottom edge radius shall be approximately 5/16" [7.9mm].
5. The bottom plastic shell shall be formed from a nominal .060" [1.5mm] thick (.070 thick for CT 66 and larger) sheet of high impact, ABS plastic and shall be permanently bonded to the internal wood core where they come in contact.

Internal Wood Frame:

1. The inner wood frame shall be constructed of hardwood such as Alder or Whitewood, or wood laminates of equivalent strength and performance, and shall be nominally 3/4" [19mm] thick.
2. The frame structure shall consist of vertical components in a substantially square framework supporting horizontally oriented longitudinal and latitudinal cross members.
3. The framework shall be fastened together with 1 5/8" [41mm] hardened wood screws and 1-1/4" [31.8mm] pneumatically driven staples.

Internal Wood Laminate Core:

1. A 0.10-0.14 [2.5mm - 3.6mm] thick wood laminate layer shall be permanently bonded to both outer shells of plastic where they come in contact with each other.

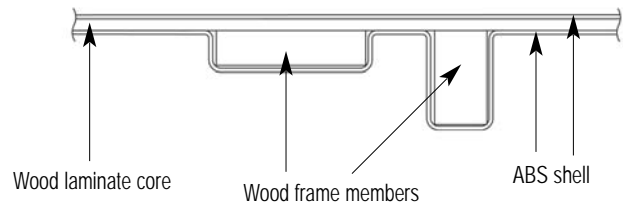


Internal Edge Reinforcing Extrusion:

1. An extrusion of high impact ABS resin, formed to the appropriate radius of the table, shall be permanently bonded to the interior of the table, running continuously around the entire perimeter.

Trim/Bumper Extrusion:

1. The trim extrusion shall be chemically welded to the entire perimeter of each table, welding the top shell to the bottom shell.
2. The trim extrusion shall be nominally .080" [2mm] thick and 1/2" [12.5mm] wide.



3. The welding of the trim component shall be continuous, sealing the perimeter of the table, and making it resistant to moisture.

Leg Construction:

1. The table shall be equipped with fixed height folding legs as standard, and shall have a 29" [74mm] height from top surface to floor.
2. The standard leg shall be constructed of 1" [25.4mm] cold rolled steel tubing, 14 [2.1mm] to 18 [1.2mm] gauge as required by each leg size. Vertical members shall each be attached to the horizontal pedestal tube using two fitted gusset plates of at least 16 gauge (0.060") [1.6mm] steel, riveted together through the tube using three 1/4" [6.4mm] steel semi-tubular rivets.
3. The standard leg assembly shall incorporate a folding steel brace mechanism consisting of two (2) each .155" [4mm] z-bars and a 16 gauge (.060") minimum 2 x 3/4 [50.8mm x 19.1mm] U-channel 12" [304.8mm] long. The folding mechanism is connected together at 6 points using 1/4" [6.4mm] steel pivot pins. A gravity-operated 16-gauge [1.6mm] steel lock ring locks the mechanism.
4. Ends of legs shall be equipped with nylon or steel closures for floor protection.
5. Adjustable height legs shall be available on selected table sizes at extra cost, allowing for table height adjustments between 25" and 38" [64cm-97cm] in 1 inch [12.5cm] increments.

6. Standard legs shall be cleaned and coated with brown or black mar-resist polyester powder, fused to the leg at 375°F [161°C] for 10 minutes.

Leg Mounting System:

1. Leg assemblies shall be mounted to the members of the internal wood frame using 16 gauge [1.6mm] minimum steel tube clamps.
2. Each clamp is secured with 2 1/4" [6.4mm] diameter x 3/4" long [6.4mm x 19.1mm] plated hex-head bolts into plated steel "T-Nut" type fasteners.
3. The folding braces shall be attached to the frame members with 16 gauge minimum steel brackets.
4. Each bracket is secured with a 4 1/4" [108mm] diameter x 3/4" [19mm] long plated hex-head bolts into plated steel "T-Nut" type fasteners.
5. Each "T-Nut" type fastener shall be pressed into the frame members from the topside. The fasteners shall have three (3) anti-spin prongs each.

Performance Specifications:

1. The tabletop surface can withstand direct contact with hot objects having a temperature of no more than 160° F [71°C] for no more than 10 minutes.

2. Any size round table will support a static load of 1600 lbs. [725Kg], evenly distributed over the entire surface of the table. Under this load the legs shall experience no permanent bending or damage.

3. A 60" [152cm] round table, as an example, shall withstand a vertical drop onto a smooth hard surface, squarely on the table's edge from a height of 8.0" [20cm], at a table temperature of 72°F [22°C], with no substantial damage such as cracking or crushing.

4. All tables meet the American National Standard Institute's stability standard: ANSI-x5.5-1989.

Warranty:

1. Warranty shall be twelve (12) years on all parts and labor.
2. A permanent label shall be affixed to the underside of the tabletop and shall state the manufacturer's name, address, phone number, standard warranty and exclusions.