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Laminate, Backer & Adhesive  
GREENGUARD® Certified Components

# SPECIFICATION

## M i t c h e l l F o l d N R o l l U n i T a b l e s

### Part 1 – GENERAL

#### 1.01 SUMMARY

- A. Provide Mitchell UniTable, complete, as shown and specified.

#### 1.02 SUBMITTALS

- A. ENGINEERING DRAWINGS are available upon request.

B. GREENGUARD® Certified Components: Mitchell tabletop components have won the GREENGUARD® Indoor Air Quality Certification and the more stringent Children & Schools Certification<sup>SM</sup> by the GREENGUARD® Environmental Institute (GEI). Laminate, backer and adhesive components have been tested for low emission of volatile organic compounds (VOC's). Mitchell uses certified components on its table products.

- C. SAMPLES and LITERATURE: Upon request will provide the following:

1. Laminate: Color brochure offering manufactures standard color selection, 448 color choice. 2" x 3" sample of the laminate is available upon request.
2. Table: A 3" x 3" sample of the table complete with top laminate, backer board, and particle board core with edge detail is available upon request.
3. Steel: Jet Black powder coat or Chrome sample available upon request.
4. Four Color Sell Sheet is available upon request.

#### 1.03 PRODUCT HANDLING

- A. Refer to standards for cartoned furniture.

#### 1.04 GUARANTEE

- A. Submit in written form a warranty that shall consist of 5 Year on Parts and 10 Year on Welds.

### PART 2 – PRODUCTS

#### 2.01 MATERIALS

- A. Particle Board Core: Table tops shall have one single piece with a density of at least 45 PCF (Optional ¾" thick MDF or ¾" thick A/C grade plywood are also available.)

B. Laminate: Shall meet or exceed NEMA Standard LD3-1980 and balanced with industry grade backer sheets. When combined with core material the total thickness of table top shall be 13/16".

C. Edge: Shall be one piece extra heavy contoured Dura-Edge® a thermoplastic polyvinyl chloride that is UV stable, is nailed six inches on center to core, forms a sanitary seal, and is designed to protect edges from impact and damage. (Optional PolyEdge sprayed-on Polyurea.)

D. Steel: Cold Rolled ASTM A513

1. DUN Finish: Nickel Chromium finish used on end legs of DELUXE series. Nickel chrome is at least 50% more chrome thickness and nickel content than required by Standard Interior Commercial specification. Prior to application of chromium the surface shall be washed clean and acid rinsed.

2. WO Finish: Jet Black Powder Coated finish.

E. Fasteners: Full threaded, hex head with 300 lbs. hold strength placed 6" O.C.

## 2.02 FABRICATION

### Fold N Roll UniTables

- A. DUN-8 8' 1" Deluxe with Chrome Finished Legs
- B. DUN-10 10' 1" Deluxe with Chrome Finished Legs
- C. DUN-12 12' 1" Deluxe with Chrome Finished Legs
- D. WO-8 8' 1" Standard with Powder Coated – Jet Black Finished Legs
- E. WO-10 10' 1" Standard with Powder Coated – Jet Black Finished Legs
- F. WO-12 12' 1" Standard with Powder Coated – Jet Black Finished Legs

1. Manufactured by Mitchell Furniture Systems.

2. Tables are furnished 30" W x a choice of either 27" or 29" H x a choice of either an 8' 1", 10' 1", or 12' 1" L

3. 29" tables accommodate a standard wheel chair

### DESIGN of TABLES:

1. Tables shall fold and unfold in one easy motion by means of concealed and tamperproof counter-balancing torsion bars.

2. Table shall have pedestal leg comfort user friendly design with seating 360° around the table to avoid knee interference and each table half shall be supported by two complete sets of legs.

3. Anchor pads shall be designed into the end legs Safety Lift-Off Device and shall lift the casters off the floor when table is unfolded to provide a stationary and stable table.

4. There shall be eight (8) contact points providing solid contact of the table with the floor.

5. The table shall be equipped with four (4) 4" diameter, heavy duty oil-less, non-marking, ball bearing swivel casters for user friendly ease of moving the table when folded.

6. In the folded position, table locks automatically, with manual release with access from either side of the table. In unfolded position, heavy duty manual locks provide security and are located at hinge points.
7. For safety purposes, when folded, undercarriage shall provide adequate mobile base to avoid tipping hazard under normal operating conditions.
8. Chair placement shall be possible along entire length or ends of table without knee interference from table legs. (See point 2 above.)

#### F. MANUFACTURING:

1. Table tops shall be  $\frac{3}{4}$ " particle board core with NEMA approved laminate top and backer sheet on bottom with a total thickness of  $\frac{13}{16}$ ". (Option:  $\frac{3}{4}$ " MDF or  $\frac{3}{4}$ " A/C grade Plywood.)
2. Dura-Edge® table edges are mechanically secured by being machine driven into core material groove and then spot nailed from the bottom at 6" O.C. (Option: PolyEdge sprayed-on Polyurea.)
3. End legs shall be constructed set back pedestal style made of 1  $\frac{1}{16}$ " O.D. by .072 wall thickness welded high carbon steel tubing. Upright to be robotically welded to 1" x 2", 16-gauge, rectangular steel tube base.
4. Table tops are supported by two full length channels fabricated 1  $\frac{3}{4}$ " deep of 16-gauge cold rolled steel. The edges of which shall be rounded and the ends of which shall be capped both for safety purposes.
5. The frame shall be manufactured as a unitized construction. Welded steel brackets and fittings solidly join and position legs and braces to channel top support.
6. The table tops shall be securely attached to understructure with full threaded hex-head sure-grip screws.

### PART 3 – EXECUTION

#### 3.01 INSTALLATION

- A. Product shall be delivered fully assembled. If delivered as blanket wrapped freight the product should be unwrapped and inspected for freight damage, then rolled to site location.
- B. Cartoned stock is to be removed carefully from carton and inspected for any shipping damage, then rolled to the site location.

#### 3.02 CLEANING AND MAINTENANCE

- A. Laminate surface may be cleaned with any detergent or spray cleaner.
- B. Mitchell products shall be designed for service longevity. Replacement parts are readily available through Parts Department, Mitchell Furniture Systems, Milwaukee, WI