COOPER DWIGHT Specification Sheet

MATERIALS BREAKDOWN

FRAME CONSTRUCTION

FRAME
Constructed of high carbon content cold rolled seam welded flash controlled steel tubing. Offered in 1 7/8 in. O.D. 14 Gauge tube. Stretcher bars are welded to the frame to provide seat support. All connections are metal to metal.

SEAT AND BACK CONSTRUCTION

SEAT
The upholstered seat pan is made with 100% recycled plastic with upholstery covers form fitted and stapled over 3 inch thick hi-resiliency polyurethane molded foam.

BACK
The upholstered back is based on a 3/4 in. thick, 7 ply laminated contoured plywood core platform with VELCRO®-removable upholstery covers form fitted over 4 inch thick hi-resiliency polyurethane molded foam.

FOAM
Molded foam is formulated displacing 25% of the existing non-renewable petroleum material with a sustainable plant based substitute. The foam performs as regular based cut foam and provides a 3.0 to 3.2 PCF density with no changes to the physical properties, comfort, and longevity of the foam.

FLAME RETARDANTS
Foam provided is compounded to meet specifications of the Federal Motor Vehicle Standard MVSS302 and California Bulletin No. 117 (TB117-2013).

SIDE CONSTRUCTION

ARM CAP
An optional molded self-skinned urethane arm cap is available. The arm cap is molded over a 1/8 in. thick steel flat plate which is attached to the seat frame using mechanical connections.

SIDE PANEL LAMINATE
Laminate side panels are built around a 3/4" NAUF (no added urea formaldehyde) & FSC Certified plywood core with 2 post-form grade (1/32" thick) plastic laminate sheets bonded to either side using a water based adhesive. The panels are held in place by the surrounding custom aluminum extrusion.

SIDE PANEL UPHLSTERY
Upholstered 1/2" foam is glued to a 1/2" NAUF (no added urea formaldehyde) & FSC Certified plywood core and held in place by the surrounding custom aluminum extrusion.

FEET CONSTRUCTION

GLIDES
Frame feet are finished with durable injection molded plastic glides.

OPTIONS

Available as connected seating. Polyurethane arm in black or wood arm is available. Please refer to the price list for more information.

COOPER DWIGHT Specification Sheet

STATEMENT OF LINE - SPECIFICATIONS

6101M

6102M

6103M

6112M

6113M

	6101M	6102M	6103M	6112M	6113M
Seat Height (in)	18	18	18	18	18
Total Height (in)	33.75	33.75	33.75	33.75	33.75
Seat Width (in)	21	21	21	21	21
Total Width (in)	25.25	46.5	67.50	48	70.50
Depth (in)	25	25	25	25	25
Arm Height (in)	25	25	25	25	25
Weight Rating (lbs)	500	750	1000	750	1000
Product Weight (lbs)	43	70	98	72	102
Qty (pcs)/Volume (cu ft)	1/15	1/26	1/39	1/26	1/39

6122M

6123M

6101L

6101G

6101H

	6122M	6123M	6101L	6101G	6101H
Seat Height (in)	18	18	18	18	18
Total Height (in)	33.75	33.75	33.75	33.75	47.5
Seat Width (in)	21	21	42	30	21
Total Width (in)	48.5	70.5	44.75	34.25	25.25
Depth (in)	25	25	25	25	25
Arm Height (in)	25	25	25	25	25
Weight Rating (lbs)	750	1000	750	750	500
Product Weight (lbs)	77	105	69	47	43
Qty (pcs)/Volume (cu ft)	1/26	1/39	1/20	1/20	1/19

6101ME

6101B

6102B

6103B

	6101ME	6101B	6102B	6103B
Seat Height (in)	24	18	18	18
Total Height (in)	46			
Seat Width (in)	21	21	21	21
Total Width (in)	25.25	24.25	45.25	66.25
Depth (in)	25	26.25	26.25	26.25
Arm Height (in)	32	24	24	24
Weight Rating (lbs)	500	500	750	1000
Product Weight (lbs)	50	25	44	63
Qty (pcs)/Volume (cu ft)	1/19	1/9	1/14	1/21

COOPER DWIGHT TABLES Specification Sheet

MATERIALS BREAKDOWN

BASE CONSTRUCTION

Constructed of high carbon content cold rolled seam welded flash controlled steel tubing. Offered in 1 7/8 in. O.D. 14 Gauge tube. Legs are welded to table support brackets that intern are connected to both the table top and the wood side supports.

TOP CONSTRUCTION

TABLE TOP CORE - 1"

Nu-Green 2, ULEF (Ultra Low Emission Formaldehyde) raw particleboard core. The core is made using 100% pre-consumer recycled or recovered wood fiber, and is manufactured inside a FSC Certified manufacturing facility. The top density is 39 pounds per cu. ft.

HIGH PRESSURE LAMINATE

1/16" high-pressure laminate sheet with a plastic laminate backing, bonded with a water-based glue. Total top thickness of approximately 1-1/8".

VENEER

1/32" hand laid up flat cut veneer bonded with a water-based glue. Total top thickness of approximately 1-1/16". Veneers are selected with careful attention to grain matching and symmetry.

EDGE CONSTRUCTION

PVC

Edges are made from PVC pellet material melted and extruded through one of several die-head profiles. The PVC Edges are available in 2mm flat profiles with wood grain print, or in a tongue & groove flat profile in 38 solid colors. Either option is applied to the table core using a water-based glue.

2MM

2MM Bio edges are PVC-free. Made with 88% bio-based resin blend, this proprietary edge product is the leading green solution. The edge is adhered to the core material and trimmed using our “state-of-theart” edge banding process to give you a virtually pick proof edge. 2MM Bio edge has the impact durability of PVC without added chemicals. Available in 38 solid colors. 2MM Bio edge is applied to the table core using a water-based glue.

HARDWOOD

Spec hardwood edges are individually segmented, glued, using water based glues, and then clamped to the edges of the tables to assure 100% surface coverage of the glue both on the tabletop and the hardwood edge. After clamping to ensure a tight and permanent bond, the edges are then machined and hand-planed to match the exact thickness of the tabletop. All corners are mitered then pencil radiused before being sealed, stained and lacquered.

SPACER AND CORNER TABLES CONNECTING METHOD

The table top is supported front and back by two metal stretchers with keyholes. Bolts on the chair legs are connected to the keyholes fastening the table to the chair.