



COOPER HUNTSVILLE Specification Sheet

MATERIALS BREAKDOWN



FRAME CONSTRUCTION

FRAME

All end and connecting wood frames are assembled from Maple. The wood frame is mechanically fastened to a welded substructure. The substructure uses a combination of 10 and 11 gauge brake-formed sheet metal parts to create the foundation to which suspension, support components and frame subassemblies are attached to form the completed chair frame.

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).

ARM CONSTRUCTION

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.

FEET CONSTRUCTION

GLIDES

Frame feet are finished with durable injection molded plastic glides.

OPTIONS

Available as connected seating. Please refer to the price list for more information.

STATEMENT OF LINE - SPECIFICATIONS



6401M



6402M



6403M



6412M



6413M

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)	27.50	27.50	27.50	27.50	27.50
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



6422M



6423M



6401L



6401G



6401H

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	70.5	46.25	34.25	25.25
Depth (in)	27.50	27.50	27.50	27.50	27.50
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



COOPER HUNTSVILLE TABLES Specification Sheet

MATERIALS BREAKDOWN



BASE CONSTRUCTION

All end and connecting wood frames are assembled from Maple. The wood frame is mechanically fastened to a welded substructure. The substructure uses a combination of 10 and 11 gauge brakeformed sheet metal parts to create the foundation to which suspension, support components and frame subassemblies are attached to form the completed chair frame.

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-the-art" 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.