COMPANION Specification Sheet

MATERIALS BREAKDOWN

FRAME CONSTRUCTION

FRAME
Constructed of high carbon content cold rolled seam welded flash controlled steel tubing free of crimping on all bends. End frames are 1 3/4 in. O.D. 14 Gauge cold rolled steel tube. 1 1/2 in. stretcher bars are welded to the frame to provide seat support. All connections are metal to metal. All welds are ground smooth.

SEAT AND BACK CONSTRUCTION

SEAT
Upholstery material is applied over hi-resiliency molded foam which uses a registered process to displace 25% of the existing non-renewable petroleum with a sustainable plant based substitute. A welded inner seat armature is encapsulated inside the foam. The welded inner seat armature is constructed from 11 GA flat steel and ¾" square 16 GA steel. Elastic webbing straps clipped into the welded inner seat armature frame add suspension. This assembly optimizes comfort, dimensional stability, and compressive and tensile strength. Seat covers are hook and loop and zipper locked and removable in the field. The seat is bolted to the chair frame with four ¼-20 fasteners.

BACK
Upholstery material is applied over hi-resiliency molded foam which uses a registered process to displace 25% of the existing non-renewable petroleum with a sustainable plant based substitute. A welded inner back armature is encapsulated inside the foam. The welded inner back armature is constructed from 5/8" round 16 GA steel and 1" square 16 GA steel. The foam is contoured to include a lumbar support. Back covers are hook and loop locked and removable in the field. The inner back armature slides over posts on the welded chair frame, and is fastened with two ¼-20 bolts.

FOAM
Closed cell 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

A wood or molded self-skinned urethane arm is available. The arm is molded over a 1/8 in. thick steel plate which is attached to the seat frame using mechanical connections.

FEET CONSTRUCTION

GLIDES
Floor contact points are injection molded polymer black glides at the front and back. The 2 front glides are friction fit, the backs glides are threaded (1/4-20 levellers).

CERTIFICATIONS

ANSI/BIFMA X5.4 Public & Lounge Seating
ANSI/BIFMA X5.11 General-Purpose Large Occupant Office Chairs

OPTIONS

Available as connected seating.

COMPANION Specification Sheet

STATEMENT OF LINE - SPECIFICATIONS

	4201M	4202M	4203M	4212M	4213M
					
Seat Height (in)	18	18	18	18	18
Total Height (in)	32.50	32.50	32.50	32.50	32.50
Seat Width (in)	21	21	21	21	21
Total Width (in)	26	47	68	48.75	71.50
Depth (in)	27	27	27	27	27
Arm Height (in)	27	27	27	27	27
Weight Rating (lbs)	500	750	1000	750	1000
Product Weight (lbs)	45	75	105	79	114
Qty (pcs)/Volume (cu ft)	1/15	1/26	1/39	1/26	1/39

	4222M	4223M	4201G	4201H	4231ME
					
Seat Height (in)	18	18	18	18	18
Total Height (in)	32.50	32.50	32.50	45	39.75
Seat Width (in)	21	21	30	21	21
Total Width (in)	48.75	71.50	35	26	26
Depth (in)	27	27	27	27	27
Arm Height (in)	27	27	27	27	27
Weight Rating (lbs)	750	1000	750	500	500
Product Weight (lbs)	82	120	56	48	47
Qty (pcs)/Volume (cu ft)	1/20	1/20	1/20	1/19	1/19

COMPANION TABLES Specification Sheet

MATERIALS BREAKDOWN

BASE CONSTRUCTION

4PT

Constructed of high carbon content cold rolled seam welded flash controlled steel tubing free of crimping on all bends. End frames are 1 3/4 in. O.D. 14 Gauge cold rolled steel tube. Legs are welded to table support brackets that intern are connected to both the table top.

TOP CONSTRUCTION

LAMINATE

Constructed of 1" Nu-Green 2, ULEF (Ultra Low Emission Formaldehyde) raw particleboard core, covered and bonded with a water-based glue to a 1/16" high-pressure plastic laminate sheet on top and a plastic laminate backing sheet below for a sandwich top thickness of approximately 1-1/8". 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. The top edge is routered to accept our PVC molding (Flat, Rigid) to match or accent the top, or self edge and further bonded in place with a water based white glue.

VENEER

Constructed of 1" Nu-Green 2, ULEF (Ultra Low Emission Formaldehyde) raw particleboard core, covered and bonded with a water-based glue to a 1/32" hand laid up flat cut veneer on top and bottom for a sandwich top thickness of approximately 1-1/16". Veneers are selected with careful attention to grain matching and symmetry. The table edge is finished with one of several hardwood edge profiles.

EDGE CONSTRUCTION

PVC

Edges are made from PolyCor G92B poly-vinyl choride (PVC) pellet material melted and extruded through one of several die-head profiles. The matching or accented PVC edge is both glued and fitted to the table core using a continuous tongue and groove system around the circumference of the table.

2MM

2MM edges are made from a patented proprietary plastic material made from sugar cane. This bio resin product is produced with 83%+ or greater of a proprietary bio-based resin blend making it 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 with a profile similar to self edge. Available in 38 solid colors. 2MM PVC EDGE is a polyvinyl chloride extruded plastic edge with a profile similar to self edge. Available in wood grain to match 9 standard stains.

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.