



DIGNITY2 Specification Sheet

MATERIALS BREAKDOWN



FRAME CONSTRUCTION

FRAME

Heavy duty inner frame, constructed of two 14 gauge rectangular steel tubes that act as fastening points for the side frame. The rectangular tubes are connected with two angle iron support bars. A tamperproof seat pan is also welded directly to the frame. Welds at joints are ground smooth to ensure safe use and to provide a uniform transition.

SIDE FRAME CONSTRUCTION

Heavy duty inner frame, constructed of two 14 gauge rectangular steel tubes that act as fastening points for the side frame. The rectangular tubes are connected with two angle iron support bars. A tamperproof seat pan is also welded directly to the frame. Welds at joints are ground smooth to ensure safe use and to provide a uniform transition.

SEAT AND BACK

SEAT

The upholstered seat pan is made with 3/4 in thick, plywood with upholstery covers form fitted and stapled over 3 inch thick hi-resiliency polyurethane slab foam. Foam is fully enclosed within the upholstery and made tamperproof by the fact that the stapled underside is covered by the metal seat pan.

BACK

The upholstered back is based on a 3/4 in. thick, 7 ply laminated contoured plywood core platform with upholstery covers form fitted and stapled over 4 inch thick hi-resiliency polyurethane slab foam. Foam is fully enclosed within the upholstery and made tamperproof by the fact that the stapled underside is covered by the metal back frame.

FOAM

Bariatric Models: Open cell slab foam is formulated displacing 25% of the existing non-renewable petroleum material with a sustainable plant based substitute.

FOAM (Continued)

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

LAMINATED ARM PANELS

A 1/2" NAUF (no formaldehyde added) plywood core that is manufactured in a FSC certified facility, is sandwiched between 2 post form grade (1/32" thick) plastic laminate sheets and bonded using a water based adhesive.

UPHOLSTERED ARM PANELS

Upholstered 3/8" foam is glued to 1/2" plywood. The side panel fasteners are fully concealed and the panel itself is glued to the polyurethane side frame.

POLYURETHANE ARM CAPS

Optional molded self-skinned urethane arm caps available. The arm cap is molded over a 1/8 in. thick steel flat plate which is attached to the seat frame using metal-to-metal connections using 1/4-20 bolts. Polyurethane arm caps are field replaceable.

WOOD ARM CAPS

Wood arms are attached by 7/8 in. deep threaded wood screws. The arm comes finished as natural, in Spec's standards, or as stain to match. All stains and lacquers are water based and cured in an UV Oven. Spec wood finished products pass BIFMA Air Quality Standards. Arm Caps are field replaceable.

FEET CONSTRUCTION

GLIDES

Frame feet are finished with non-removable 1 1/8" steel levellers with a 1/4- 20 steel stem.

CERTIFICATIONS

ANSI/BIFMA X5.5 Desk/Table Products

ANSI/BIFMA X5.11 General-Purpose Large Occupant Office Chairs

OPTIONS

Wall saving and extended arm panels are available on select models. All seating can be connected. Please refer to the price list for more information.

STATEMENT OF LINE - SPECIFICATIONS



4601M



4602M



4603M



4601G

Seat Height (in)	18	18	18	18
Total Height (in)	31.75	31.75	31.75	31.75
Seat Width (in)	23	23	23	31
Total Width (in)	28.50	51	74	36.5
Depth (in)	30	30	30	30
Arm Height (in)	26	26	26	26
Weight Rating (lbs)	500	750	1000	750
Product Weight (lbs)	94	148	203	112
Qty (pcs)/Volume (cu ft)	1/15	1/15	1/15	1/15



4601M-N



4602M-N



4603M-N



4601G

Seat Height (in)	18	18	18	18
Total Height (in)	31.75	31.75	31.75	31.75
Seat Width (in)	23	23	23	31
Total Width (in)	28.50	51	74	36.5
Depth (in)	30	30	30	30
Arm Height (in)	17.5	17.5	17.5	17.5
Weight Rating (lbs)	500	750	1000	750
Product Weight (lbs)	90	144	199	112
Qty (pcs)/Volume (cu ft)	1/15	1/15	1/15	1/15



4602M-N



4603M-N

Seat Height (in)	18	18		
Total Height (in)	31.75	31.75		
Seat Width (in)	23	23		
Total Width (in)	54	80.5		
Depth (in)	30	30		
Arm Height (in)	26	26		
Weight Rating (lbs)	750	1000		
Product Weight (lbs)	153	209		
Qty (pcs)/Volume (cu ft)	1/15	1/15		

MATERIALS BREAKDOWN



TABLE SIZES	WEIGHT
24 x 24 SQ	93.0
30 x 30 SQ	104.0
36 x 36 SQ	117.0
42 x 42 SQ	113.0
48 x 48 SQ	133.0
24D	90.0
30D	99.0
36D	109.0
42D	123.0
48D	137.0

BASE CONSTRUCTION

DIGN2-SQ, DIGN2-DIA

4 metal legs and 4 metal brackets act as connecting points for the 4 laminate side panels. The legs are made from 16 ga. tube steel and have been welded to the connecting bracket. The metal brackets are designed to ensure a secure connecting points to legs, side panels and table top. Side panels and bottom cover are constructed of 3/4" NAUF (no added urea-formaldehyde) particle board (Phase 2 CARB compliant) 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 7/8". The core is manufactured with 100% recycled material and is manufactured inside a FSC Certified manufacturing.

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 routed 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.

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.

FEET CONSTRUCTION

GLIDES

Frame feet are finished with durable 1 1/8" steel levellers with a 1/4- 20 steel stem.

CERTIFICATIONS

ANSI/BIFMA X5.5 Desk/Table Products