

construction notes

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teknion

construction notes

amicus task use & guest

BASE:

- reinforced nylon scuff-resistant plastic
- 26" base

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) reinforced nylon
- optional soft casters for hard floors are polyurethane coated nylon
- twin-wheeled and hooded
- 2-1/8" hard plastic glides
- soft glides have soft insert pads

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder

MECHANISMS:

Synchro-Tilt:

- constructed of cast aluminum and stamped steel

SEAT:

- constructed of polyethylene + nylon

BACK:

Inner Back:

- constructed of ABS

Outer Back:

- constructed of polypropylene

Lumbar System:

- reinforced nylon

J-BAR:

- 5/16" solid steel
- epoxy powder coated

ARMS:

T-Arms:

- self-skinned urethane arm pads
- reinforced nylon armrest structure

Guest Chair Arms:

- reinforced nylon armrest

GUEST (FRAME):

Base:

- twin-wheeled and hooded
- multi-surface glides are natural polyethylene

Four-leg:

- 14 gauge steel tube

Cantilever:

- 12 gauge steel tube

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor
- "bumpered" as covered sides to protect furniture
- exceeds ASTM D - 3574 -91
- dynamic fatigue test by constant force pounding: thickness loss = 5% (specification calls for not more than 25%)

	Seat:	Back:
Density:	4.15 lbs./ft. 3	4.54 lbs./ft. 3
IFD @ 25%:	42 lbs	8.86 lbs
IFD @ 65%:	125 lbs	40.3 lbs
Recovery Strength		
@ 25%:	157N	32N
Recovery Ratio:	84.9%*	81.4%
Tensile Strength:	35.3 lbs./sq. in.*	13.8lbs./sq. in.*
Resiliency:	54%	67%
Flammability:	CAL 117	CAL 117

* exceeds ASTM P - 3770 - 91

construction notes

around task and stool

BASE:

- Ebony glass-reinforced nylon or polished diecast aluminum
- 26" diameter 5-star base (Aluminum), 27.5" diameter 5-star base (Plastic)

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides for hard floors have soft felt pads

PNEUMATIC CYLINDER:

- gas-assisted pneumatic cylinder lift

MECHANISMS:

- weight Activated Synchro-Tilt with easy override dial to fine tune tilt tension in one-rotation. Mechanism & seat sub-assembly facilitates Quick-Snap Assembly (one-way fastening) with the back sub-assembly & arms; and can be performed by manufacturer or on-site without tools
- glass-reinforced nylon plastic & steel

FOOTRING (STOOL):

- all-aluminum construction
- height-adjustable

SEAT:

Optional Seat Slider (depth):

- glass-reinforced nylon plastic
- plastic levers on left of seat control adjust

Seat Structure:

- glass-reinforced nylon plastic seat pan structure
- polypropylene plastic integrated FlexAround Seat Pan offers an advanced degree of comfort, support and ventilation

BACK:

Structural back frame:

- glass-reinforced nylon plastic frame structure designed to create a light, sculptural form with an open volume or space. Fabric-wrapped from front to back for a soft, tactile edge experience at the sides, bottom and top edge surfaces.
- back frame facilitates Quick-Snap Assembly (one-way fastening) to the mechanism & seat sub-assembly; to be performed by manufacturer or on-site without tools

MESH BACK:

- cushioned Mesh, featuring a dual-textured weave with coordinating colors on front and back. The mesh is breathable and provides user back support
 - elastic piece-dyed to prevent nylon fade
 - composition: 100% Polyester
 - weight: Approx. 300 g/sq. m
 - flammability: CAL 117
 - fastness to Light: AATCC 16.3-2014 class 5
 - abrasion Resistance: ASTM D- 4157-13, 30,000 cycles
 - piling Resistance: ASTM D-3511/D, class 5
 - cleaning: fixed covers: vacuum cleaning
- optional lumbar element constructed of polypropylene plastic

UPHOLSTERED BACK:

- Hex Suspension System - Hex-back insert constructed of polypropylene plastic flexes with the body to provide comfort and support
- adjustable lumbar elements are integrated into the design; each side can be independently controlled for asymmetrical positioning. Controls constructed of glass-reinforced nylon plastic

ARMS:

- 2D (height & width) & 4D (height, width, depth & pivot) adjustable T-Arms facilitate Quick-Snap Assembly (one-way fastening) to the mechanism & seat sub-assembly; to be performed by manufacturer or on-site without tools
- thermoplastic Polyurethane (TPU) armpad covers with flexible polyurethane foam padding
- glass-reinforced nylon plastic

SEAT FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

	Seat:
Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206 N
IFD @ 65%:	529 N
Recovery Strength @ 25%:	200 N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM P – 3770 – 91

UPHOLSTERED BACK FOAM:

- molded, colored, polyurethane foam for back
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

	Seat:
Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206 N
IFD @ 65%:	529 N
Recovery Strength @ 25%:	200 N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM P-3770-91

construction notes

AT

BASE:

- diecast aluminum base
- painted or polished finish
- diameter of 26.3"

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band

PNEUMATIC CYLINDER:

- gas-assisted pneumatic cylinder

MECHANISMS:

Synchro-Tilt:

- diecast aluminum, steel & plastic
- powder coating

SEAT/BACK:

Seat/Back Structure:

- glass-reinforced nylon plastic
- plastic levers on left and right of seat control adjust
- self-centering suspension ensures users body maintains its centre of gravity and comes with automatic weight adjustment

Inner Seat/Back:

- Polypropylene inner shell

ARMS:

T-Arms:

- polyurethane pads
- glass-reinforced nylon plastic

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor

Density:	3..2-3..6 lbs./ft. 3
IFD @ 25%:	206 lbs
IFD @ 65%:	529 lbs
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM F 3770 – 91

essa chair

BASE:

- glass-reinforced nylon
- 26" diameter 5-star base

CASTERS/SLIDERS:

- 60mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides for hard floors have soft felt pads

PNEUMATIC CYLINDER:

- gas-assisted pneumatic cylinder lift. Colour coordinated with mechanism

MECHANISM:

- Weight Activated Synchro-Tilt. Mechanism
- colour coordinated glass-reinforced nylon plastic, die cast aluminum, and steel construction
- soft touch levers for enhanced tactile feel

SEAT:

Seat Structure:

- glass-reinforced nylon plastic seat pan structure

BACK:

Structural back frame:

- glass-reinforced polypropylene plastic frame structure designed to create a light, sculptural form with deepened cavity allowing thicker foam comfort. Fabric-wrapped from front to back for a soft, tactile edge experience at the sides, bottom and top edge surfaces

Outer panel:

- glass-reinforced polypropylene
- also available as upholstered

ARMS:

Height Adjustable:

- thermoplastic Polyurethane (TPU) armpad covers with flexible polyurethane foam padding
- glass-reinforced nylon plastic

Fixed Arm:

- glass-reinforced nylon plastic

SEAT FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

Seat:

Density:	3..2-3..6 lbs./ft. 3
IFD @ 25%:	206 lbs
IFD @ 65%:	529 lbs
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM – 3770 – 91

construction notes

marini

BASE:

- diecast aluminum
 - diameter of 27"
-

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) are reinforced nylon
 - optional soft casters for hard floors are polyurethane coated nylon
 - twin-wheeled
 - 2-1/8" hard plastic glides
 - soft glides have soft felt pads
-

PNEUMATIC CYLINDER (GAS LIFT):

- gas-assisted pneumatic cylinder
-

MECHANISMS:

Synchro-Tilt:

- constructed of aluminum, steel and plastic
-

SEAT:

- constructed of reinforced nylon
-

BACK:

- constructed of polypropylene and reinforced nylon
 - polished aluminum diecast inset detail
-

J-BAR:

- diecast aluminum with polished finish
-

ARMS:

Width & Height-Adjustable T-Arms:

- diecast aluminum
 - various plastics
 - self-skinned urethane arm pads
-

FOAM:

- molded, colored, polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 Global warming factor
 - "bumpered" as covered sides to protect furniture
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect knocked-down chair in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

BASE:

- reinforced nylon, scuff resistant plastic (ebony)
- diameter of 26"

CASTERS/GLIDES:

- 60mm (2-3/8") hard (carpet casters) are reinforced nylon
- optional soft casters for hard floors are polyurethane coated nylon
- twin-wheeled
- 2-1/8" hard plastic glides
- soft glides have soft felt pads

PNEUMATIC CYLINDER (GAS LIFT):

- gas-assisted pneumatic cylinder lift

MECHANISMS:

Synchro-Tilt:

- stamped steel construction
- epoxy powder coat paint

SEAT:

- plywood seat plate

BACK:

- plywood back panel

ARMS:

T-Arms:

- polyurethane pads
- glass-reinforced nylon plastic

FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 global warming factor

Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206 N
IFD @ 65%:	529 N
Recovery Strength @ 25%:	200 N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM P-3770-91

nuova contessa

BASE:

- diecast aluminum base
- painted or polished finish
- diameter of 27"

CASTERS/GLIDES:

- polyamide 6 hard twin-wheeled casters
- diameter of 5.9"
- optional soft type urethane casters

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder lift

MECHANISMS:

Synchro-Tilt:

- diecast aluminum body
- rubber torsion mechanism

SEAT:

Seat Slider (depth):

- reinforced plastic (polyamide)

Seat Structures:

- reinforced plastic (polyamide)
- aluminum diecast frame
- 2" forward/back adjust in six positions
- levers on left and right of seat control adjust

Seat Material (All Mesh model):

- 100% polyester mesh
- zehedral braided format for optimized feel & additional support specifically tailored for the seat
- elastic piece-dyed to prevent color fade

BACK:

Frame:

- diecast aluminum external frame with paint or anodized finish
- reinforced plastic (polyamide) structural back
- maximum two visibly exposed mechanical fasteners on entire chair, bezel-recessed on side to minimize aesthetic impact and maximize structural performance.

Inner Back:

- 100% polyester mesh
- zehedral braided format for optimized feel & support, specifically tailored for your back
- elastic piece-dyed to prevent color fade

Lumbar System:

- glass-reinforced nylon plastic
- black translucent polypropylene membrane responds uniquely to individual's back curve depth & force

ARMS:

4D T-Arms:

- Smart Operations controls for seat height & back tilt/tilt-lock are integrated into levers on arms for easy access above seat level
- polyurethane pads
- reinforced plastic (nylon) structure
- button-controlled arm height adjustment and intuitive self-adjustment for width, depth and pivot

FOAM (DUAL-UPHOLSTERED MODEL ONLY):

- molded, tri-durometer polyurethane foam seat pan construction maximizes varying needs for comfort & support throughout
- 0 global warming factor
- HCFC and CFC free
- 0 global warming factor
- "bumpered" as covered sides to protect furniture

Seat:

Density: 3.2-3.6 lbs./ft. 3

IFD @ 25%: 206 lbs

IFD @ 65%: 529 lbs

Recovery Strength

@ 25%: 200N

Recovery Ratio: 85.4%*

Tensile Strength: 35.3 lbs./sq. in.*

Resiliency: 61%

Flammability: CAL 117

* exceeds ASTM F 3770 – 91

HEADREST (OPTIONAL):

- height and depth adjustable
- polyurethane pad
- reinforced plastic (nylon) structure

construction notes

projek task & stool

BASE:

- diecast aluminum 26" base
- reinforced nylon, scuff resistant plastic (ebony), 27-1/2" base

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) are reinforced nylon
- optional soft casters for hard floors are polyurethane coated nylon
- twin-wheeled
- 2-1/8" hard plastic glides
- soft glides have soft felt pads

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder

MECHANISMS:

Weight-Activated Synchro-Tilt and Swivel Stool:

- constructed of aluminum, steel, and plastic
- epoxy powder coat paint

FOOTRING (STOOL):

- constructed of aluminum, steel tube and plastic spacer
- height-adjustable

SEAT:

- constructed of reinforced polypropylene

BACK:

Structural Back Outer Frame:

- constructed of glass reinforced nylon

Inner Frame:

- constructed of glass reinforced polypropylene

Lumbar System:

- constructed of polypropylene

MESH:

- Trade Name: Shrinx by k+r
- Composition: 76% Polyester, 24% Polyamide
- Weight: Approx. 380 g/lm
- Flammability: D- DIN EN 1021:2006 (as per spec sheet)
- Fastness to Light: DIN EN ISO 105-B02: 2002 5 - 7
- Fastness to Rubbing: DIN EN ISO 105-X12: 2002 4 – 5 dry and wet
- Fastness to perspiration: DIN EN ISO 105-E04: 2009 4-5 acid and alkaline
- Cleaning: fixed covers: vacuum cleaning

HEADREST:

- Frame constructed of polypropylene

ARMS:

2D Height & Width-Adjustable T-Arms:

- fiber glass reinforced nylon armrest structure
- self-skinned urethane arm pads

4D Height & Width Adjustable T-Arms with 210° Pivot:

- ebony powder coated aluminum upright
- fiber glass reinforced nylon armrest
- Self-skinned urethane arm pads

SEAT FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

Seat:

Density: 4.8 lbs./ft.3

IFD @ 25%: 206N

IFD @ 65%: 529N

Recovery Strength

@ 25%: 200N

Recovery Ratio: 85.4%*

Tensile Strength: 35.3 lbs./sq. in.*

Resiliency: 61%

Flammability: CAL 117

* exceeds ASTM F 3770 – 91

construction notes

projek guest

BASE:

- multi-surface glides are natural polyethylene
-

CANTILEVER FRAME:

- 12 gauge steel tube
 - Ebony powder coat or chrome finish
-

ARM:

- Glass filled nylon
-

SEAT & BACK:

Structural Seat & Back Outer Frame:

- constructed of fiber glass reinforced nylon

Inner Frame:

- constructed of glass reinforced polypropylene
-

MESH:

- Trade Name: Shrinx by k+r
 - Composition: 76% Polyester, 24% Polyamide
 - Weight: Approx. 380 g/lm
 - Flammability: D- DIN EN 1021:2006 (as per spec sheet)
 - Fastness to Light: DIN EN ISO 105-B02: 2002 5 - 7
 - Fastness to Rubbing: DIN EN ISO 105-X12: 2002 4 – 5 dry and wet
 - Fastness to perspiration: DIN EN ISO 105-E04: 2009 4-5 acid and alkaline
 - Cleaning: fixed covers: vacuum cleaning
-

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor
- “bumpered” as covered sides to protect furniture
- exceeds ASTM D - 3574 -91
- dynamic fatigue test by constant force pounding: thickness loss = 5% (specification calls for not more than 25%)

	Seat:	Back:
Density:	4.15 lbs./ft. 3	4.54 lbs./ft. 3
IFD @ 25%:	42 lbs	8.86 lbs
IFD @ 65%:	125 lbs	40.3 lbs
Recovery Strength		
@ 25%:	157N	32N
Recovery Ratio:	84.9%*	81.4%
Tensile Strength:	35.3 lbs./sq. in.*	13.8lbs./sq. in.*
Resiliency:	54%	67%
Flammability:	CAL 117	CAL 117

* exceeds ASTM P – 3770 – 91

construction notes

sabrina task & stool

BASE:

- ebony glass-reinforced nylon or polished diecast aluminum
- 26" diameter 5-star base

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides have soft felt pads

PNEUMATIC CYLINDER:

- gas-assisted pneumatic cylinder lift

MECHANISM:

Synchro-Tilt:

- diecast aluminum, steel & plastic
- ebony powder coating

FOOTRING (STOOL):

- all-aluminum construction
- height-adjustable

SEAT:

Seat Slider (depth):

- glass-reinforced nylon plastic

Seat Structure:

- glass-reinforced nylon plastic
- formed steel plate with ebony powder coating
- plastic levers on left and right of seat control adjust

BACK:

Structural Back Frame:

- glass-reinforced nylon plastic
- polished diecast-aluminum insert

Inner Back:

- 100% polyester mesh
- elastic piece-dyed to prevent nylon fade

Lumbar Support:

- glass-reinforced nylon plastic
- ebony translucent polypropylene membrane

ARMS:

T-Arms:

- polyurethane pads
- glass-reinforced nylon plastic

HEADREST:

- glass-reinforced nylon plastic
- 100% polyester mesh

COAT HANGER:

- glass-reinforced nylon plastic

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor
- "bumpered" as covered sides to protect furniture

Seat:

Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206 N
IFD @ 65%:	529 N
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in. *
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM F 3770 – 91

construction notes

savera task & stool

BASE:

- reinforced nylon plastic
 - 26" base
-

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) are reinforced nylon
 - optional soft casters for hard floors are polyurethane coated nylon
 - twin-wheeled
 - 2-1/8" hard plastic glides
 - soft glides have soft felt pads
-

PNEUMATIC CYLINDER (GAS LIFT):

- gas-assisted pneumatic cylinder
-

MECHANISMS:

Synchro-Tilt:

- stamped steel construction
- epoxy powder coat paint

Swivel-Tilt:

- cast aluminum and stamped steel
- epoxy powder coat paint

Swivel (Stool):

- stamped steel construction
 - epoxy powder coat paint
-

FOOTRING (STOOL):

- made of aluminum, steel tube and plastic spacer
-

SEAT:

- constructed of reinforced nylon
-

BACK:

- constructed of reinforced nylon
-

J-BAR:

- 5/16" solid steel
 - epoxy powder coated
-

ARMS:

Width & Height-Adjustable T-Arms:

- reinforced nylon armrest structure
 - self-skinned urethane arm pads
-

FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

Seat:	Back:	
Density:	2.8-3.4 lbs./ft.3	1.7-1.8 lbs./ft.3
IFD @25%:	10.77 lbs	
IFD @65%:	40 lbs	
ILD:		26-30
Flammability:	CAL 117	CAL 117

BASE:

- reinforced nylon plastic
- 27" base

CASTERS:

- 60mm (2-1/3") hard (carpet casters) are reinforced nylon
- optional soft casters for hard floors are polyurethane coated nylon
- twin-wheeled

PNEUMATIC CYLINDER (GAS LIFT):

- heavy duty gas-assisted pneumatic cylinder

MECHANISMS:

Synchro-Tilt:

- stamped steel construction
- epoxy powder coat paint

SEAT & BACK:

- molded plywood

J-BAR

- 3/8" solid steel
- epoxy powder coated

ARMS:

Height-Adjustable T-Arms:

- reinforced nylon armrest structure
- self-skinned urethane arm pads

FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

	Seat:	Back:
Density:	2.8-3.4 lbs./ft.3	2.8-3.4 lbs./ft.3
IFD @25%:	12.86 lbs	
IFD @65%:	43 lbs	21.37 lbs
Flammability:	CAL 117	CAL 117

construction notes

t-3 task & stool

BASE:

- reinforced nylon plastic
 - 26" base
-

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) are reinforced nylon
 - optional soft casters for hard floors are polyurethane coated nylon
 - twin-wheeled
 - 2-1/8" hard plastic glides
 - soft glides have soft felt pads
-

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder
-

MECHANISMS:

Synchro-Tilt:

- stamped steel construction

Swivel (Stool):

- stamped steel construction
 - epoxy powder coat paint
-

FOOTRING (STOOL):

- made of aluminum, steel tube and plastic spacer
-

SEAT:

- plywood seat pan
-

BACK:

- constructed of polypropylene
-

J-BAR:

- 1/4" solid steel
 - epoxy powder coated
-

ARMS:

Width & Height-Adjustable T-Arms:

- reinforced nylon armrest structure
 - self-skinned urethane arm pads
-

FOAM:

- block polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 Global warming factor
 - "bumpered" as covered sides to protect furniture
-

variable multi-use swivel work chair & stool

BASE:

- ebony glass-reinforced nylon or polished diecast aluminum
- 26" diameter 5-star base

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides have soft felt pads

MECHANISMS:

Swivel:

- constructed of aluminum, steel and plastic
- polished diecast aluminum case
- chrome-plated steel wire lever and ebony plastic handle

CANTILEVERED FRAME:

- 3/4" (19mm) durable round steel tube, 12 gauge
- powder coating or chrome finish

FOOTRING (STOOL):

- constructed of aluminum, steel tube and ebony plastic spacer

SEAT & BACK SHELL:

- engineered, injection-molded, lightly textured 100% nylon with patented , integrated back-flex
- non-corrosive steel mechanical fasteners

FIXED ARMS:

- 3/4" (19mm) durable round steel tube, 12 gauge, arm stanchion
- powder coating or chrome-plating finish on stanchion
- ABS plastic arm pad

TABLET:

- compact laminate
- chrome plated 3/4" (19mm) durable round steel tube, 12 gauge
- steel pivot-mechanism in glass-reinforced nylon plastic case allows worksurface to pivot-up 90°

SEAT & BACK PADS:

- polypropylene and ABS plastic
- extra-strength adhesive fasteners

SEAT FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor

	Seat:	Back:
Density:	3.2-3.6 lbs./ft ³	3.2-3.6 lbs./ft. ³
IFD @ 25%:	10.77 lbs.	
IFD @ 65%:	40 lbs.	
Flammability:	CAL 117	CAL 117

construction notes

visio

BASE:

- reinforced nylon, scuff resistant plastic
- diameter of 27"

CASTERS:

- 60 mm (2-1/3") soft casters glass-reinforced nylon plastic with polyurethane soft band

MECHANISMS:

Weight-Activated Synchro-Tilt:

- steel & plastic
- powder coating
- plastic levers on left and right of seat control adjust

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder lift

SEAT:

- plywood seat plate
- polypropylene cover

BACK:

Back Structural:

- glass-reinforced nylon plastic

Lumbar:

- constructed of polypropylene

ARMS:

T-Arms:

- polyurethane pads
- glass-reinforced nylon plastic

MESH:

- composition: 100% Polyester
- weight: Approx. 350 g/lm
- flammability CAL 117
- fastness to Light: DIN EN ISO 105-B02: 2014 3-4
- fastness to Rubbing: DIN EN ISO 105-X12: 2014 3-4 dry and wet
- fastness to perspiration: DIN EN ISO 105-E04: 2009 3-4
- cleaning: fixed covers: vacuum cleaning

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor
- hardness 55
- flammability CAL 117

Density: 3.2 - 3.6 min.lbs./cu.ft

IFD @ 25%: 206 N

IFD @ 65%: 529 N

Recovery Strength @ 25%: 200 N

Recovery Ratio: 85.4 %*

Tensile Strength: 35.3lbs./sq. in.*

Resiliency: 61%

Flammability: CAL 117

* exceeds ASTM – 3770 – 91

construction notes

ability spinner stool

BASE:

- reinforced nylon scuff-resistant plastic
- 22" diameter

CASTERS/GLIDES:

- 60mm (2-1/3") hard (carpet casters) reinforced nylon
- optional soft casters for hard floors are polyurethane coated nylon
- twin-wheeled and hooded
- 2-1/8" hard plastic glides
- soft glides have soft insert pads

MECHANISMS:

- 360° swivel
- seat height adjustment lever

PNEUMATIC CYLINDER: (GAS LIFT)

- gas-assisted pneumatic cylinder
- pneumatic cylinder provides height adjustment of 6"

SEAT:

- available in triangular (NACSPT) and round (NASCPR)
- seat slider option not available
- 2" polyurethane slab foam for support

FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 global warming factor
- "bumpered" as covered sides to protect furniture
- exceeds ASTM D - 3574 -91
- dynamic fatigue test by constant force pounding: thickness loss = 5% (specification calls for not more than 25%)

Density:	2.4 - 2.5 min.lbs./cu.ft
IFD @ 25%:	48 - 57 lbs.
IFD @ 65%:	125 lbs
Tensile Strength:	17 lbs./sq.in.
@ 25%:	157 N
Elongation:	120 min. 95.5% min.
Tensile Strength:	35.3lbs./sq. in.*
Resiliency:	55%
Flammability:	CAL 117
Compression Seat at 90% Max:	10%
Compression Modulus:	2.2 min.

construction notes

arne

FRAME:

- oak wood/plywood
 - connections are secured with screws, glue and dowels
-

FOAM:

- slab polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 global warming factor
-

GLIDES:

- nailed-in plastic glide
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect product in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

construction notes

around guest

CASTERS/GLIDES/CASTERS INSERTS:

- 50mm (2") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides and caster inserts
- soft glides for hard floors have soft felt pads

FRAME:

- welded steel tube
- Ebony or Gris powder coat finish

ARM:

- Glass filled nylon

SEAT:

- polypropylene plastic integrated FlexAround Seat Pan offers an advanced degree of comfort, support and ventilation

BACK:

Structural back frame:

- glass-reinforced nylon plastic frame structure designed to create a light, sculptural form with an open volume or space. Fabric-wrapped from front to back for a soft, tactile edge experience at the sides, bottom and top edge surfaces

MESH BACK:

- cushioned Mesh, featuring a dual-textured weave with coordinating colors on front and back. The mesh is breathable and provides user back support
 - elastic piece-dyed to prevent nylon fade
 - composition: 100% Polyester
 - weight: Approx.. 300 g/sq.. m
 - flammability: CAL 117
 - fastness to Light: AATCC 16..3-2014 class 5
 - abrasion Resistance: ASTM D- 4157-13, 30,000 cycles
 - piling Resistance: ASTM D-3511/D, class 5
 - cleaning: fixed covers: vacuum cleaning

UPHOLSTERED BACK:

- deep pocket in the back plate filled with molded foam to provide comfort and support

FOAM:

- molded, colored, polyurethane foam
- HCFC and CFC free
- 0 Global warming factor

Seat:

Density:	3..2-3..6 lbs./ft ³
IFD @ 25%:	206 N
IFD @ 65%:	529 lbs.
Recovery Strength @ 25%:	200 N
Recovery Ratio:	85..4%*
Tensile Strength:	35..3 lbs../sq.. in..*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM P – 3770 – 91

construction notes

chez

FRAME BASE:

- welded steel tubing powder coated
-

SEAT:

- oak plywood
 - connections are secured with screws
-

SEAT FOAM:

- block polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 global warming factor
-

GLIDES:

- plastic push on
-

just-us chair

BASE:

- 26" diameter base of reinforced nylon, scuff resistant plastic in Ebony or Gris as specified in finish palette

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band.
- twin-wheeled casters in Ebony (black) or Medium Grey (coordinated with Gris finish palette), as specified
- glass filled nylon glides
- soft glides have soft felt pads

PNEUMATIC CYLINDER (GAS LIFT):

- gas-assisted pneumatic cylinder in Ebony or Gris powder coated paint finish, as specified in finish palette

MECHANISM:

Swivel-Tilt Height-Adjustable:

- constructed of aluminum, steel and plastic
- polished diecast aluminum case
- Ebony or Gris painted steel wire lever and coordinating plastic handle

ARMS:

- glass filled nylon

BACK:

Structural back outer frame:

- constructed of glass reinforced nylon

Inner Frame:

- constructed of glass reinforced nylon

SEAT:

- glass filled nylon structural seat
- polypropylene upholstery plate (upholstered seat model only)

MESH:

Around & Just-Us Mesh:

(mesh is standard in back; optional in seat construction):

- cushioned mesh, featuring a dual-textured weave with coordinating colors & finishes on front and back. The mesh is breathable and provides user back support
 - elastic piece-dyed to prevent nylon fade
 - composition: 100% Polyester
 - weight: approx. 300 g/sq. m
 - flammability: CAL 117
 - fastness to light: AATCC 16.3-2014 class 5
 - abrasion resistance: ASTM D- 4157-13, 30,000 cycles
 - piling resistance: ASTM D-3511/D, class 5
 - cleaning: fixed covers: vacuum cleaning

SEAT FOAM (UPHOLSTERED SEAT MODEL ONLY):

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- “bumpered” as covered sides to protect furniture

Seat:

Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206N
IFD @ 65%:	529N
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM P – 3770 – 91

construction notes

kupp

FRAME:

- diecast aluminum left and right legs with powder coated finish
-

CASTERS/GLIDES:

- 60 mm (2-1/3") hard casters for carpet are glass-reinforced nylon plastic
 - optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
 - twin-wheeled casters
-

SEAT/BACK:

- engineered, injection-molded, lightly textured glass filled polypropylene
 - non-corrosive steel mechanical fasteners
-

ARMS:

- injection-molded glass filled nylon with over molded steel bar
 - non-corrosive steel mechanical fasteners
-

CROSS STRETCHER:

- rounded steel tube, powder coated
 - extra-strength adhesive fasteners
-

FOAM:

- block polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 Global warming factor
-

FRAME:

- oak plywood
 - connections are secured with screws, glue and dowels
-

FOAM:

- molded, colored, polyurethane foam for seat
 - HCFC and CFC free
 - 0 global warming factor
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect product in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

construction notes

OCCO

FRAME/BASE:

- Welded steel tubing
-

CASTERS/GLIDES:

- 60 mm (2-1/3") hard casters for carpet are glass-reinforced nylon plastic
 - optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
 - twin-wheeled casters
 - glass filled nylon glides
 - soft glides have soft felt pads
-

MECHANISM:

Swivel:

- constructed of welded steel and plastic
-

SEAT & BACK SHELL:

- engineered, injection-molded, lightly textured 100% nylon
 - non-corrosive steel mechanical fasteners
-

UNDERPAN:

- material polypropylene
-

SEAT PLATE:

- plywood with t-nuts
 - non-corrosive steel mechanical fasteners
-

SEAT FOAM:

- block polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 Global warming factor
-

construction notes

projek conference chair

BASE:

- reinforced nylon, scuff resistant plastic (ebony), 27-1/2" base
- diecast aluminum 26" base (premium)

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band.
- twin-wheeled casters in Ebony (black)
- glass filled nylon glides
- soft glides have soft felt pads

PNEUMATIC CYLINDER (GAS LIFT):

- gas-assisted pneumatic cylinder

MECHANISM:

Swivel-Tilt Height-Adjustable:

- constructed of aluminum, steel and plastic
- polished diecast aluminum case
- chrome-plated steel wire lever and ebony plastic handle

ARMS:

- Glass filled nylon

SEAT & BACK:

Structural Back Outer Frame:

- constructed of glass reinforced nylon

Inner Frame:

- constructed of glass reinforced polypropylene

MESH:

- Trade Name: Shrinx by k+r
- Composition: 76% Polyester, 24% Polyamid
- Weight: Approx. 380 g/lm
- Flammability: D- DIN EN 1021:2006 (as per spec sheet)
- Fastness to Light: DIN EN ISO 105-B02: 2002 5 - 7
- Fastness to Rubbing: DIN EN ISO 105-X12: 2002 4 – 5 dry and wet
- Fastness to perspiration: DIN EN ISO 105-E04: 2009 4-5 acid and alkaline
- Cleaning: fixed covers: vacuum cleaning

SEAT FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

Seat:

Density:	4.8 lbs./ft.3
IFD @ 25%:	206N
IFD @ 65%:	529N
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength	35.3 lbs./sq. in*
Resiliency:	61% min.
Flammability:	CAL 117

* exceeds ASTM P – 3770 – 91

construction notes

schale

FRAME:

- oak wood
 - connections are secured with glue and dowels
-

SEAT AND BACK SHELL:

- oak plywood
 - connections are secured with screws, glue and dowels
-

FOAM:

- molded, colored, polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 global warming factor
-

GLIDES:

- nailed-in plastic glides
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect product in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

SEAT/BACK SHELL & SEAT PLATE:

- engineered, injection-molded, lightly textured 100% nylon
 - non-corrosive steel mechanical fasteners
-

SEAT FOAM:

- block polyurethane foam for seat and back
 - HCFC and CFC free
 - 0 Global warming factor
-

SICLA 4 LEG METAL:**Frame/Base:**

- welded steel tubing
-

SICLA WOOD LEGS:**Frame:**

- ash wood

Glides:

- nailed in plastic
-

SICLA ROCKER:**Frame/Base:**

- welded steel tubing

Rocker:

- ash wood
 - non-corrosive steel mechanical fasteners
-

SICLA FIVE-STAR BASE:**Base:**

- diecast aluminum
- 26" diameter 5-prongs spider base

Casters/Glides:

- 60 mm (2-1/3") hard casters for carpet are glass-reinforced nylon plastic
 - optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
 - twin-wheeled casters
 - glass filled nylon glides
 - soft glides have soft felt pads
-

MECHANISM:**Swivel:**

- constructed of welded steel and plastic
-

construction notes

sitara

GLIDES:

- multi-surface glides are nylon
-

FRAME:

- welded steel tubing
-

STRUCTURAL SEAT & BACK:

- engineered, injection-molded, lightly textured polypropylene
 - recyclable materials
-

INTEGRATED ARMS WITH CAP:

- arms are integrated with the frame
 - arms are available in polished aluminum or black fiberglass reinforced nylon plastic options
-

STANDARD SHIPPING CARTONS:

- double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

FOAM:

Back:

- Upholstered back section is high-density molded foam

Seat:

- Upholstered seat section is made of colored block-foam
- seat is 1/2" thick
- foam seat grade: 2550 ultracel

Seat:

Density: 2.4-2.5 lbs./ft.3

IFD: 47-54 psi

Flammability: CAL 117

Modulus: 2.20 min @65%

construction notes

sprout stools

BASE (STOOLS & TABLES):

- 1/8" thick spun aluminum trumpet base
- optional epoxy powder coat paint finish in any standard Teknion color

GLIDES (STOOLS & TABLES):

- glass filled nylon glides with felt pads

FRAME:

- 2" diameter steel tube vertical
- welded 7/8" diameter steel tube footrest (counter and bar height models only)
- optional epoxy powder coat paint finish in any standard Teknion color

MECHANISM:

- POM plastic bushing provides 360 Degree Swivel
- footrest (on counter & bar height models) rotates with seat
- fixed height for safer use in public spaces and consistency across multiple models within a floor plate

SEAT:

- cast aluminum under pan with optional epoxy powder coat paint finish in any standard Teknion color
- Polypropylene mushroom-clip seat fastening
- plywood structure
- upholstery

SEAT FOAM:

- molded, colored, polyurethane foam for seat
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

	Seat:
Density:	3.2-3.6 lbs./ft ³
IFD @ 25%:	206N
IFD @ 65%:	529N
Recovery Strength @ 25%:	200N
Recovery Ratio:	85.4%*
Tensile Strength:	35.3 lbs./sq. in.*
Resiliency:	61%
Flammability:	CAL 117

* exceeds ASTM F 3770 – 91

construction notes

synapse

FRAME:

- beech wood
-

SEAT:

- engineered, injection- molded, lightly textured polypropylene
 - aluminum
 - recyclable materials
-

GLIDES:

- polyethylene
-

FOAM:

- Upholstered section of the guest chair is made of colored block-form foam (seat only)
 - polyurethane
 - Density: 4.0 lbs./ft.3
 - IFD @25%: 42 lbf.
 - IFD @65%: 86 lbf.
 - CAL117: Pass
-

STANDARD SHIPPING CARTONS:

- double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

FRAME:

- solid "A" grade maple
 - connections are secured with screws, glue and dowels
-

FOAM:

- molded, colored, polyurethane foam for seat
 - HCFC and CFC free
 - 0 global warming factor
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect product in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

construction notes

variable conference

BASE:

- diecast aluminum with polished finish
- 26" diameter 5-prong spider base

CASTERS/GLIDES:

- 60 mm (2-1/3") hard casters for carpet are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides have soft felt pads

MECHANISMS:

Swivel:

- constructed of aluminum, steel and plastic
- polished diecast aluminum case
- chrome-plated steel wire lever and ebony plastic handle

CANTILEVERED FRAME:

- 3/4" (19mm) durable round steel tube, 12 gauge
- powder coating or chrome finish

SEAT & BACK SHELL:

- engineered, injection-molded, lightly textured 100% nylon with patented, integrated back-flex
- non-corrosive steel mechanical fasteners

FIXED ARMS:

- 3/4" (19mm) durable round steel tube, 12 gauge, arm stanchion
- powder coating or chrome-plating finish on stanchion
- ABS plastic arm pad

TABLET:

- compact laminate
- chrome plated SAE1010 3/4" (19mm) durable round steel tube, 12 gauge
- steel pivot-mechanism in glass-filled nylon plastic case allows worksurface to pivot-up 90°

SEAT & BACK PADS:

- polypropylene and ABS plastic
 - extra-strength adhesive fasteners
-

SEAT FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor

	Seat:	Back:
Density:	3.2-3.6 lbs./ft ³	3.2-3.6 lbs./ft. ³
IFD @ 25%:	10.77 lbs.	
IFD @ 65%:	40 lbs.	
Flammability:	CAL 117	CAL 117

construction notes

variable hybrED chair

BASE:

Storage Tray Base:

- Polypropylene, scuff resistant plastic (ebony/platinum), 27-1/2" base
- non-corrosive steel mechanical fasteners

Swivel-Height Adjustable with 5-Star Base:

- reinforced nylon, scuff resistant plastic (ebony), 27-1/2" base
- diecast aluminum 26" base (premium)

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters in Ebony (black) and Silver/Ebony finish.
- glass filled nylon glides
- soft glides have soft felt pads

CANTILEVERED FRAME:

- cantilevered frame & base to maximize storage capacity & allow
- 1" (25 mm) durable round steel tube, 12 gauge
- powder coating

PNEUMATIC CYLINDER (GAS LIFT):

Swivel Height Adjustable with 5-Star Base:

- gas-assisted pneumatic cylinder

MECHANISM:

Storage Tray Base:

- custom swivel mechanism constructed of aluminum, steel and plastic
- polished diecast aluminum case
- swivel range from -45° to +45°

Swivel Height Adjustable with 5-Star Base:

- constructed of aluminum, steel and plastic
- polished diecast aluminum case
- chrome-plated steel wire lever and ebony plastic handle
- 360° Swivel

WORKSURFACE:

- PC-ASA scuff-resistant plastic tablet with integrated edge barriers
- powder coated 1" (25mm) durable round steel tube, 12 gauge
- steel pivot-mechanism in glass-reinforced nylon plastic case allows worksurface to pivot 360° to provide un-handed usage

SEAT & BACK SHELL:

- engineered, injection-molded, lightly textured 100% nylon with patented, integrated back-flex
- non-corrosive steel mechanical fasteners
- 11 gauge steel reinforcement plate for seat pan

SEAT & BACK PADS:

- polypropylene and ABS plastic
- extra-strength adhesive fasteners
- options for no upholstery, upholstered pad on seat only or upholstered pads on seat & back; with single or dual upholstery options

FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor
- "bumpered" as covered sides to protect furniture

	Seat:	Back:
Density:	4.8 lbs./ft.3	5.10 lbs./ft.3
IFD @ 25%:	206N	206N
IFD @ 65%:	529N	529N
Recovery Strength @ 25%:	200N	129N
Recovery Ratio:	85.4%*	85.4%
Tensile Strength:	35.3 lbs./sq. in.*	13.83 lbs./sq. in.*
Resiliency:	61%	61%
Flammability:	CAL 117	CAL 117

* exceeds ASTM F 3770 – 91

construction notes

nami

FRAME:

- uni 7947 18 mm round steel tube
 - epoxy powder coating or chrome finish
-

SEAT AND BACK:

Plastic:

- engineered, injection- molded, lightly textured polypropylene
- recyclable materials

3D Wood:

- engineered, heat and pressure molded beech Veneer 3D Sheets form one-piece Shell
 - semi-open pore finish
-

ARMS:

- polyethylene
-

GLIDES:

- polyethylene
-

DOLLY:

- 14 gauge tubing, 7/8" diameter
 - welded steel construction
 - hard casters are dual nylon
-

BOOKRACK:

- 6 mm steel wire
 - epoxy powder coating
-

TABLET:

- compact laminate
-

GANGING CONNECTORS:

- polyethylene
-

STANDARD SHIPPING CARTONS:

- double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
 - 2 chairs shipped per box
 - 1 stool shipped per box
-

variable 4-leg stacking guest chair & stool

FRAME:

- 3/4" (19mm) durable round steel tube, 14 gauge
- powder coating or chrome-plated finish
- wall saver leg
- integrated fixed arm option
- ebony nylon plastic bumpers
- non-corrosive metal mechanical fasteners

CASTERS/GLIDES:

- 60 mm (2-1/3") hard (carpet casters) are glass-reinforced nylon plastic
- optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
- twin-wheeled casters
- glass filled nylon glides
- soft glides have soft felt pads

SEAT & BACK SHELL:

- engineered, injection-molded, lightly textured 100% nylon with patented, integrated back-flex
- non-corrosive steel mechanical fasteners

FIXED ARMS:

- ABS plastic arm pad

TABLET:

- compact laminate
- chrome plated 3/4" (19mm) durable round steel tube, 12 gauge
- steel pivot-mechanism in glass-filled nylon plastic case allows worksurface to pivot-up 90°

BOOKRACK:

- chrome plated 3/16" (4.76 mm) & 1/4" (6.35 mm) round steel wire

SEAT & BACK PADS:

- polypropylene and ABS plastic
- extra-strength adhesive fasteners

SEAT FOAM:

- molded, colored, polyurethane foam for seat and back
- HCFC and CFC free
- 0 Global warming factor

	Seat:	Back:
Density:	3.2-3.6 lbs./ft ³	3.2-3.6 lbs./ft. ³
IFD @ 25%:	10.77 lbs.	
IFD @ 65%:	40 lbs.	
Flammability:	CAL 117	CAL 117

construction notes

volume

FRAME:

- SAE 1010 12mm round steel wire
 - chrome plated
-

SEAT AND BACK:

- engineered, injection- molded, lightly textured polypropylene
 - recyclable materials
 - o.s plyurethane foam (upholstered seat version)
-

ARMS:

- n/a
-

GLIDES:

- polycarbonate
-

DOLLY:

- 14 gauge tubing, 1" diameter
 - welded steel construction
 - hard casters are dual nylon. 2 lockable casters & 2 casters without locks
-

BOOKRACK:

- engineered, injection- molded, lightly textured polypropylene tray
 - recyclable materials
 - 6mm SAE 1010 steel wire
 - chrome plated
-

TABLET:

- compact laminate
 - 12 mm SAE 1010 chrome plated steel wire arm
-

GANGING CONNECTORS:

- polycarbonate
-

STANDARD SHIPPING CARTONS:

- double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

FRAME:

- 1-1/2" x 7/8" oval tube, 16 gauge
 - 7/8" round tube, 16 gauge
 - epoxy powder coating
-

SEAT AND BACK:

- engineered, injection- molded, lightly textured polypropylene
 - recyclable materials
-

ARMS:

- 30% glass-filled nylon
-

GLIDES:

- virgin polypropylene
-

DOLLY:

- 7/8" gauge tubing
 - welded steel construction
 - hard casters are dual nylon
-

BOOKRACK:

- 18 gauge steel
 - epoxy powder coating
-

GANGING CONNECTORS:

- nylon
-

STANDARD SHIPPING CARTONS:

- double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
 - 2 chairs shipped per box
-

construction notes

aegis

FRAME:

- standard modular frame made of 16 gauge welded tubing
-

WEBBING:

- made of elabelt "Green Line" type 450/S
 - latex rubber 47%, polypropylene 53%
 - total section mmq. 94.96
 - tensile strength: 815 lbs.
-

FOAM:

VC grade foam is used. Colored block-form foam is used for seat and back.

Seat:

Density:	2.4 - 2.5 min.lbs./cu.ft
IFD @ 25%:	47 - 57 lbs
Tensile Strength:	17 lbs./sq. in
Elongation:	120 min
Resiliency:	55% min
Flammability:	CAL 117
Compression set at 90% max:	10%
Compression Modulus:	2.2 min

SIDE TABLE:

- surface is MDF, router-cut and shaped
-

STANDARD SHIPPING CARTONS:

- recycled foam used to protect product in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

SEAT & BOLSTER

- Robust 5/8" plywood frame construction
- 5 3/8" thick polyurethane foam wrapped with compressed fiber & upholstered
- water-based adhesive for foam attachment. Glue is not used in the upholstery process.
- nylon cable manager
- non-corrosive steel threaded inserts
- non-corrosive steel mechanical fasteners

SCREENS:

- 3/4" thick solid plywood panel
- panel is foam wrapped (1 1/4" thick) for cushioning then upholstered on front & back face
- non-corrosive steel threaded inserts
- masonite spacers

LEGS:

- (2x) powder coat die-cast aluminum leg sub-assemblies with cross-bracing between front and back legs for structure & aesthetic. All metal-to-metal fastenings. Fastenings are concealed
- all Teknion Foundation, Mica, Accent & Zones paint finishes are offered as a standard
- non-corrosive steel threaded inserts to accept metal Ganging Plate. Metal to metal fastenings are provided
- standard Ganging Plate attachment across all modules provides linear alignment & allows reconfiguration of units in the field

OPTIONAL POWER CUBE:

- one Simplex & (2x) USB mounted below seat surface per sofa
- provides fixed-location factory installed or flexible field-installed options
- allows more than one Power Cube (Simplex & (2x) USB) to be provided

GLIDES:

- multi-surface, non-marking, steel, self-leveling glides with 1/2" height adjustment

FOAM:

seat-contoured 5 3/8" max thick enhanced comfort PU blockform foam with crowned surface for enhanced comfort

Bolster-colored 2 1/4" max thick enhanced comfort PU blockform foam body with molded polyurethane back endcaps.

Screen-1/4" thick PU blockform foam.

	Seat:	Bolster:	Screen:
Density	3.2 min. lbs./cu. ft	3.2 min lbs./cu. ft	3.2 min lbs./cu. ft
IFD @ 25%:	45 - 55 lbs.	16 - 22 lbs.	16 - 22 lbs
Tensile Strength:	15 lbs./sq. in	10 lbs./sq. in	10 lbs./sq. in
Elongation:	120% min.	75% min.	75% min.
Recovery Ratio:	40% min.	45% min.	45% min.
Flammability:	CAL 117	CAL 117	CAL 117
Compression Set:	10% max @ 75%	8% max @ 90%	8% max @ 90%
Modulus:	1.90 min.	2.25 min.	2.25 min.
Hysteresis Loss:	35% max.	25% max.	25% max.

HIGH SPANNING SCREEN:

- 3/4" plywood core with HPL laminate on both sides
- 1/4" thick foam cushioning on edges, and front and back side of substrate, covered on all sides with upholstery
- non-corrosive steel threaded inserts
- masonite spacers
- powder coated, die-cast aluminum corner brackets with concealed mechanical fasteners to adjacent screens
- optional A/V mounting & wire management sub-assembly:
 - powder coated, formed steel channels & other components
 - steel mechanical fasteners

FOAM:

	Spanning Screen:
Density	3.2 min lbs./cu. ft
IFD @ 25%:	16 - 22 lbs
Tensile Strength:	10 lbs./sq. in
Elongation:	75% min.
Recovery Ratio:	45% min.
Flammability:	CAL 117

BANQS TABLES:

Surface:

- formed-natural veneer plywood with flat exposed edge follows profile of seating surface
- veneered or HPL top surface on baltic-birch plywood substrate or MDF with self-edge with straight or knife-edge profile
- optional cut-outs to accommodate power, data & lighting accessories. Light is mounted justified towards one end of the table
- powder coated metal shroud & tether sub-assembly is provided for optional wall mounting, Power Pill & A/V models. Metal shroud includes door & provides cable management

construction notes

banqs (continued)

BANQS TABLES (CONTINUED):

Post:

- Powder coat extruded aluminum channels and formed metal panels & welded steel plate flange construction to accept mechanical fasteners
- All metal-to-metal fastenings
- 72" wide table provides (2x) posts & bases for stability

Bases:

- Powder-coated x gauge flat steel base or cast-aluminum 4-prong base
- 72" wide table provides (2x) posts & flat steel bases for stability

Bases:

- Powder-coated x gauge flat steel base or cast-aluminum 4-prong base
- 72" wide table provides (2x) posts & flat steel bases for stability

Glides:

- multi-surface, non-marking, steel stacking-micro-leveling glides
- Injection-moulded stackable shims. Each table will be shipped with 4 - stackable to a max height of 1/4"

BANQS ACCESSORIES:

Zones Table Lamps:

- spun metal shade
- more to come...

Zones Pillow:

- pillow insert: Material: 585 grams 50/50 feather/THS with DPT Cover
- removable, zippered, LUUM upholstered cover

FRAME:

Seat

- 12 gauge steel frame with dymetrol flexible membrane

Back and Arms

- 12 gauge steel tubing

STORAGE SHELF:

- black polyester mesh

TABLET:

- diecast aluminum base
- surface as specified, see Fabrics & Finishes Program guide for details

CUP HOLDER:

- diecast aluminum base
- black rubber non-slip surface

CASTERS/GLIDES:

- 70 mm nylon hard casters for use on carpet
- optional soft casters for hard floors are polyurethane coated

SIDE PANELS:

- constructed of steel
- surface as specified, see Fabrics & Finishes Program guide for details

FOAM:

VC grade foam is used. Both molded polyurethane and colored block-form foam are used for seat and back

	Seat:	Back:
Density:	2.60 min.lbs./cu.ft	2.00 - 2.15 lbs./cu.ft
IFD @ 25%:	41 - 47 lbs	33 - 38 lbs
Tensile strength	10 lbs./sq. in	10 lbs./sq. in
Elongation:	75% min	75% min
Recovery ratio:	45% min	45% min
Flammability:	CAL 117	CAL 117
Compression:		
Set at 90% max:	8%	8%
Compression		
Modulus:		2.25 min. 2.25 min.
Hysteresis Loss:	25% max.	25% max.

construction notes

bonds

FRAME:

- plywood construction
 - connections are secured with screws, glue and dowels
-

CASTERS/GLIDES:

- 37 mm (1-1/2") hard casters for carpet are glass-reinforced nylon plastic
 - optional soft casters for hard floors are glass-reinforced nylon plastic with polyurethane soft band
 - twin-wheeled casters
 - glass filled nylon glides
 - soft glides have soft felt pads
 - multisurface glides
-

TABLET:

- diecast powder coated aluminum
-

FOAM:

- molded, colored, polyurethane foam for seat
 - polyurethane slab foam for sides
 - HCFC and CFC free
 - 0 global warming factor
-

AUXILIARY TABLE:

Surface:

- 0.800" THICK (3/4" MDF core) , knife edge only. laminated with balanced backer on opposite side, wood inserts for machine screws on the bottom, exposed edges are sealed with sealant

Glides:

- all surface teflon glide

Base:

- 3/8" thick CRS metal base

Column:

- 16 gauge (0.060") wall thickness CRS metal round tube

Fin:

- 10 gauge (0.134") thick CRS metal Fin

Ws Mounting Plate:

- 11 gauge (0.120") thick CRS metal plate
-

BUILDING BLOCK TABLE:

Wood Structure:

- 11/16" thick particle board core, HPL laminate /flintwood/V2 or V3

Leveller:

- all surface levelling/glide, fastened on a 14 gauge (0.075") thick CSR sheet metal plate

Inlay Material:

- duotex Panel Inlay, 6.4 mm thick

Metal Magazine Holder:

- 14 gauge and 18 gauge thick CSR sheet metal assembly, assembled with rivets and welding

Ganging Kit:

- 11 gauge (0.120") thick CSR sheet metal plate with two pieces of stick on rubber bumper
-

construction notes

collaborative ottoman

MODULAR SEATING:

Seat:

- plywood construction
- available in round or square

Base:

- reinforced nylon scuff-resistant plastic
 - 22" diameter
-

CASTERS/GLIDES:

- 37mm (1.5") hard (carpet casters) reinforced nylon
 - optional soft casters for hard floors are polyurethane coated nylon
 - twin-wheeled and hooded
 - 2" hard plastic glides
 - soft glides have soft insert pads
-

FOAM:

VC grade foam is used. Colored block form foam is used for seat.

	Seat:	Back:
Density:	2.6 min. lbs./cu.ft	1.6 - 1.75 lbs./cu.ft
IFD @ 25%:	41 - 47 lbs.	16 - 22 lbs.
Tensile Strength:	10 lbs./sq. in	10 lbs./sq. in
Elongation	75% min.	75% min.
Recovery Ratio:	45% min.	45% min.
Flammability:	CAL 117	CAL 117
Set at 90% max:	8%	8%
Compression:		
Modulus:	2.25 min.	2.25 min.
Hysteresis Loss:	25% max.	25% max.

construction notes

dna

MODULAR SEATING:

Seat:

- plywood construction

Back:

- constructed of 14 gauge steel
- welded and powder coated

Glides:

- black plastic with steel thread

Foam:

VC grade foam is used. Both molded polyurethane and colored blockform foam are used for seat and back

	Seat:	Back:
Density:	2.6 min. lbs./cu.ft	1.6 - 1.75 lbs./cu.ft
IFD @ 25%:	41 - 47 lbs.	16 - 22 lbs.
Tensile Strength:	10 lbs./sq. in	10 lbs./sq. in
Elongation	75% min.	75% min.
Recovery Ratio:	45% min.	45% min.
Flammability:	CAL 117	CAL 117
Set at 90% max:	8%	8%
Compression:		
Modulus:	2.25 min.	2.25 min.
Hysteresis Loss:	25% max.	25% max.

MODULAR TABLES:

Surface:

as specified, compact laminate or baltic birch plywood substrate with natural veneer or flintwood

Base:

- plywood construction

Base Frame:

- standard modular frame constructed of steel
- welded and powder coated

Glides:

- black plastic with steel thread

Foam:

VC grade foam is used. Both molded polyurethane and colored blockform foam are used for seat and back

Density:	2.60 min. lbs./cu.ft	
IFD @ 25%:	41 - 47 lbs.	
Tensile Strength:	10 lbs./sq. in	
Elongation	75% min.	
Recovery Ratio:	45% min.	
Flammability:	CAL 117	
Compression:		
Set at 90% max:	8%	
Modulus:	2.25 min.	
Hysteresis Loss:	25% max.	25% max.

FREESTANDING TABLES:

Surface:

As specified, compact laminate or baltic birch plywood substrate with natural veneer or flintwood

Base:

- diecast aluminum base and latch (laptop table only)
- extruded aluminum post

FRAME:

- solid hardwood doweled construction
 - Ferrarra arms are made of molded maple
 - all other exposed wood is solid maple
 - rubber webbing seat
-

FOAM:

- terylene covered high density block foam
-

construction notes

tux

FRAME:

- solid hardwood, doweled construction
-

WEBBING:

- made of elasbelt "Green Line" type 450/S
 - latex rubber 47%, polypropylene 53%
 - tensile strength: 815 lbs.
-

BASE:

- standard modular frame made of 14 gauge welded square steel tubing
 - - welded & chrome plated
-

FOAM:

VC grade foam is used for seat and back

		Seat:	Back:
Density:	2.60 min. lbs./cu.ft	2.00 - 2.15 min.	lbs./cu.ft
IFD @ 25%:	41 - 47 lbs.	33 - 38 lbs.	
Tensile Strength:	10 lbs./sq. in	10 lbs./sq. in	
Elongation	75% min.	75% min.	
Recovery Ratio:	45% min.	45% min.	
Flammability:	CAL 117	CAL 117	
Compression:	CAL 117	CAL 117	
Set at 90% max:	8%	8%	
Modulus:	2.25 min.	2.25 min.	
Hysteresis Loss:	25% max.	25% max.	

FRAME:

- standard modular frame made of 16 gauge welded square tubing
- subframe assembly for seats is 1/8" metal angle iron and 1-1/2" x 1/2" 16 gauge tubing, welded and epoxy powder coated
- seat frame made from 3/4" 16 gauge square tubing

WEBBING:

- made of elabelt "Green Line" type 450/S
- latex rubber 47%, polypropylene 53%
- tensile strength: 815 lbs.

FOAM:

VC grade foam is used. Both molded polyurethane and colored block-form foam are used for seat and back.

	Seat:	Back:
Density:	2.60 min.lbs./cu.ft	2.00 - 2.15 lbs./cu.ft
IFD @ 25%:	41 - 47 lbs	33 - 38 lbs
Tensile strength	10 lbs./sq. in	10 lbs./sq. in
Elongation:	75% min	75% min
Recovery ratio:	45% min	45% min
Flammability:	CAL 117	CAL 117
Compression:	CAL 117	CAL 117
set at 90% max:	8%	8%
Compression		
Modulus:	2.25 min	2.25 min
Hysteresis Loss:	25% max	25% max

TRAY:

- surface is MDF, router cut and shaped
- frame is cold rolled steel tube with plate, epoxy powder coated

STANDARD SHIPPING CARTONS:

- recycled foam used to protect chair in box
 - double wall cardboard
 - recycled and recyclable
 - 3" reinforced gum tape (recycled)
-

construction notes

vignette swivel and lounge

FORFEITED SWIVEL:

Frame:

- molded plywood construction

Base:

- satin-chromed steel
- steel column
- glides are made of nylon and steel

Foam:

- high density block foam
-

COFFEE TABLES:

Surface:

- as specified, MDF, flintwood, natural veneer, marble, or corian

Base:

- satin-chromed steel
 - glides are made of nylon and steel
-

LOUNGE:

Frame:

- plywood construction
- rubber webbing seat

Base:

- chromed steel
- glides are made of polypropylene

Foam:

- high density block foam
-