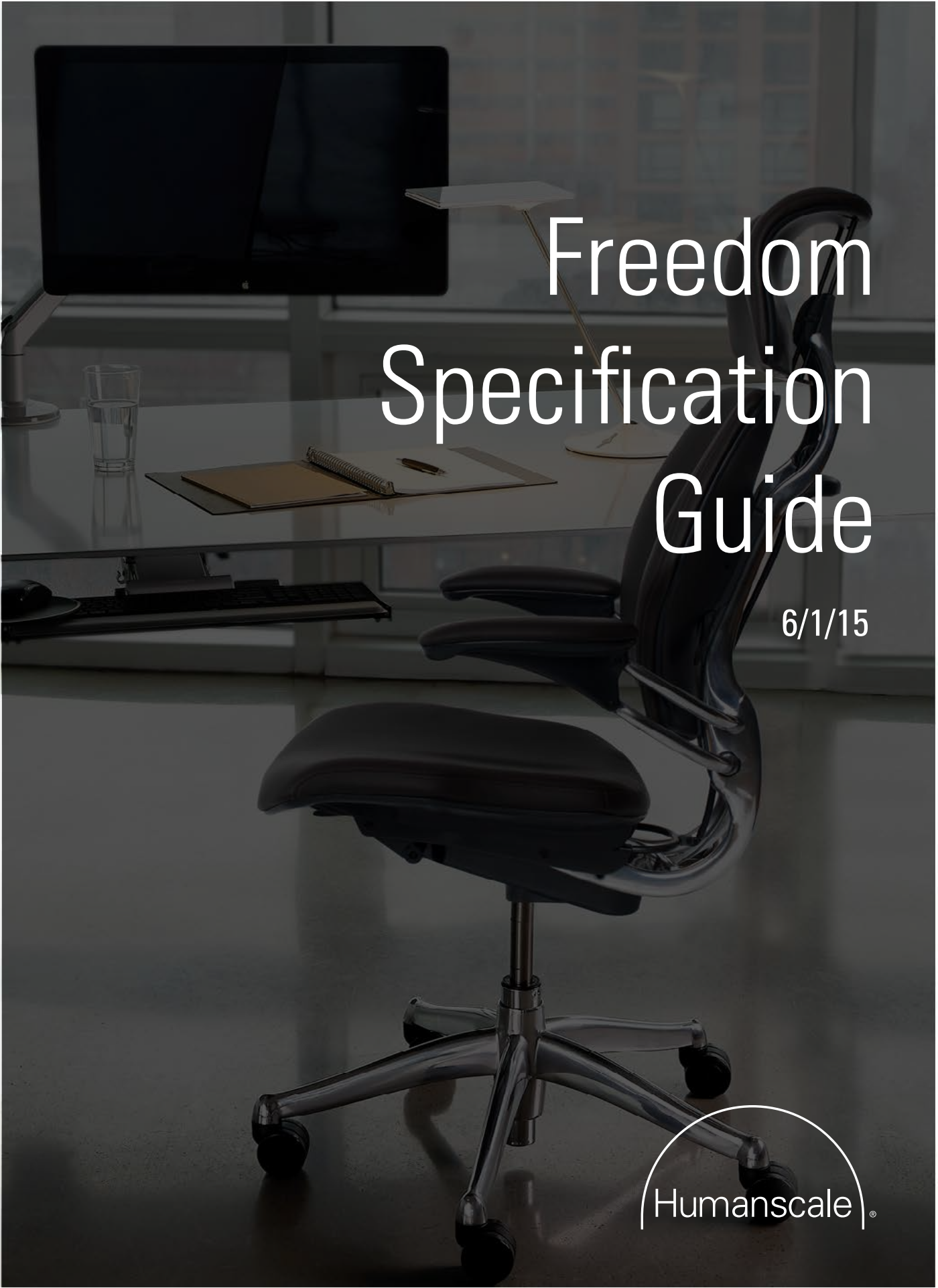




Freedom Specification Guide

6/1/15

Humanscale®

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HUMANSCALE FREEDOM HEADREST CHAIR AND FREEDOM TASK CHAIR

Key Selling Features

FEATURE	FREEDOM TASK	FREEDOM HEADREST
Dynamic, position sensitive headrest - Automatically adjusts to cradle the head and neck as user reclines - Automatically moves out of way when user sits upright	N/A	Yes
Weight-sensitive, self-adjusting recline Self locking recline mechanism automatically adjusts to provide support	Yes	Yes
Pivoting backrest Automatically adjusts as user moves to support changing needs of user's back	Yes	Yes
Contoured cushions Shaped to fit body of user providing full support and comfort	Yes	Yes
Waterfall seat edge Designed to not hit back of the knees for enhanced comfort	Yes	Yes
Arms that attach to backrest Move with user during recline, offering support in any position	Yes	Yes
Synchronous armrests Move together to maintain equal height & can be adjusted with one hand only.	Yes	Yes
Modular cushions and arm caps Helps with easy upgrading and replacements of components.	Yes	Yes

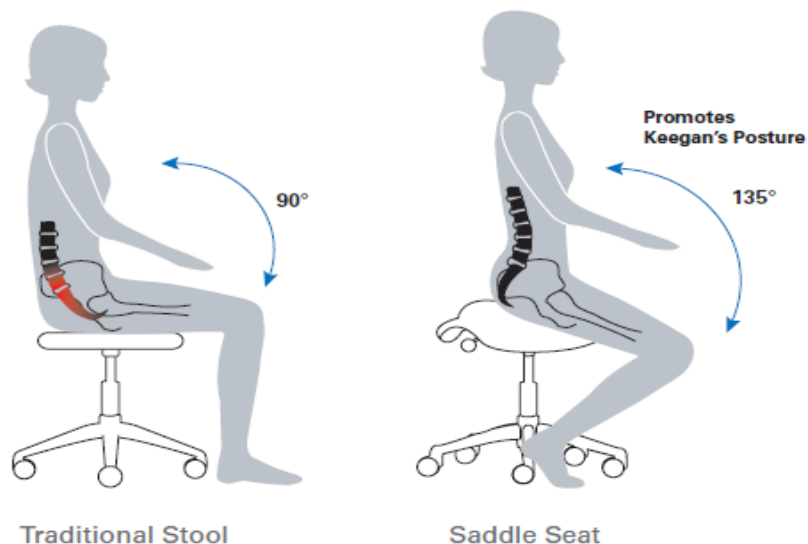
SPECIFICATIONS	FREEDOM TASK	FREEDOM HEADREST
Scope of users with standard options Fits more than 95% of the office population	5'0" Woman to 6'4 Man, 100 to 300 lbs	5'0" Woman to 6'4 Man, 100 to 300 lbs
Backrest recline Range of recline allows for increased movement.	21 degree recline plus 7 degree backrest tilt	21 degree recline plus 7 degree backrest tilt
Weight Less weight means less material which is better for shipping & environment.	34lbs with arms, 30lbs without arms	38lbs with arms, 34lbs without arms
Warranty Warranty offers a better peace of mind for users.	15 years, 24/7 Warranty Fabric/Cushions/Arm pads: 5 years, Single-Shift	15 years, 24/7 Warranty Fabric/Cushions/Arm pads: 5 years, Single-Shift

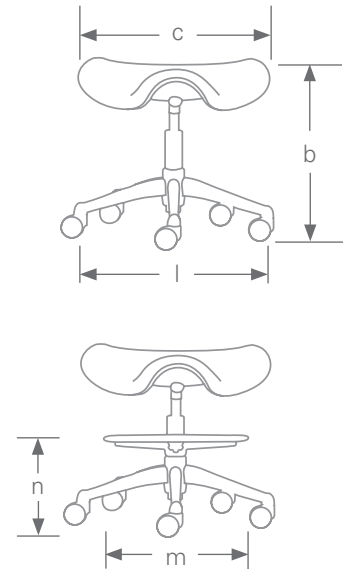
HUMANSCALE PONY AND SADDLE

Key Selling Features

FEATURE	PONY	SADDLE
Contoured cushions Shaped to fit body of user providing full support and comfort	Yes (16" wide seat)	Yes (22" wide seat)
Promotes healthy posture Lowers thighs, opens hips & puts spine in healthy curve	Yes	Yes
Waterfall seat edge Designed to not hit back of the knees for enhanced comfort	Yes	Yes
Modular cushions Helps with easy upgrading and replacements of components.	Yes	Yes

SPECIFICATIONS	PONY	SADDLE
Scope of users with standard options Fits more than 95% of the office population	5'0" Woman to 6'4 Man, 100 to 300 lbs	5'0" Woman to 6'4 Man, 100 to 300 lbs
Weight Less weight means less material which is better for shipping & environment.	14lbs	14.5lbs
Warranty Longer warranty offers a better peace of mind for users.	15 years, 24/7 Warranty Fabric/Cushions/Arm pads: 5 years, Single-Shift	15 years, 24/7 Warranty Fabric/Cushions/Arm pads: 5 years, Single-Shift





SCOPE OF USERS
- Standard chair fits more than 95% of the office population 5'0" Woman to 6'4" Man 100 to 300 lbs. - Users outside the standard range can be accommodated by - Low or Tall Cylinder - Advanced Armrests
WEIGHT
38 lbs. Headrest with arms 34 lbs. Headrest without arms 34 lbs. Task with arms 30 lbs. Task without arms 14.5 lbs. Saddle 20 lbs. Saddle with Foot Ring 14 lbs. Pony Saddle
BACKREST RECLINE
22° recline plus 7° backrest tilt
REFERENCE ANGLE BETWEEN SEAT AND BACK
100° to 129°
HEADREST RADIAL MOTION
30°
LUMBAR SUPPORT INCREASE IN RECLINE
1"

Page 5

freedom® Build Your Product Code

Freedom
Headrest

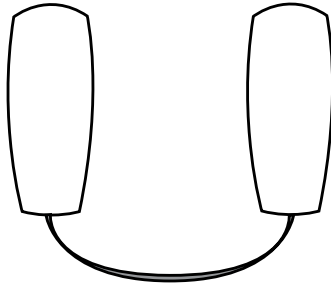
F21

COMPONENT	CODE	BASE MODEL PRICE	\$1,258
ARMREST	0	Armless (Required option for Saddle/Pony)	—
	1	Standard Duron Arms	\$110
	2	Standard Duron Arms with Matching Textile	\$135
	3	Advanced Duron Arms	\$195
	4	Advanced Duron Arms with Matching Textile	\$220
	X	Standard Duron Gel Arms	\$140
	M	Standard Gel Arms with Matching Textile	\$165
	D	Advanced Duron Gel Arms	\$225
	C	Advanced Gel Arms with Matching Textile	\$250
FRAME	G	Graphite	—
	T	Titanium	—
	A	Polished Aluminum with Graphite	\$260
	M	Polished Aluminum with Titanium	\$260
TEXTILE	W	Textile Grade 0 (S,G)	—
		Textile Grade 1 (W,V,K)	\$21
		Textile Grade 2 (F,B,H)	\$89
		Textile Grade 3 (D,E)	\$198
		Leather Grade 0 (Z)	\$682
		Leather Grade 1 (Q)	\$756
		Leather Grade 2	N/A
		Leather Grade 3 (R)	\$1,757
TEXTILE COLOR		See pages 42 - 43 for color options	
LEATHER STITCHING	—	If leather is selected, see page 43 for stitch options	—
GEL SEAT	—	Standard Foam Seat Pan	—
	G	Gel Seat	\$80
CYLINDER	—	Standard 5"	—
	A	3" Return to Height Cylinder	\$44
	L	Low 3.75"	\$28
	T	Tall 5"	\$39
	H	High 8"	N/A
	F	High 8" w/18" Foot Ring	\$115
	R	High 8" w/21" Foot Ring	\$159
	X	Extra-High 10" w/18" Foot Ring	N/A
	Z	Extra-High 10" w/21" Foot Ring	N/A
CASTER TYPE	—	Standard Hard Casters	—
	G	Glides	\$22
	S	Soft Casters	\$23
	K	Automatic Locking Casters	\$117
FIRE PROOFING	—	Standard Foams and Plastics	—
	C	CAL 133-Approved Foams and Plastics	\$78
BASE UPGRADE Standard Aluminum Base should be selected with A and M frame colors.	—	Standard Composite Base to match Graphite or Titanium frame color	—
	—	Standard Aluminum Base to match frame color	—
	M	Powder-coated Aluminum Base to match Graphite or Titanium frame color	\$48
	A	Polished Aluminum Base on Graphite Frame or Titanium Frame	\$139
SHIPPING	—	Individually Boxed	—
	B	Blanket Wrapped - See Terms and Conditions for minimum order requirements	—



F21 1 GW101 - - - - -

Standard Armrests



Armless Code: 0

Description: Chair with no armrests

Standard Duron Arms Code: 1

Description: Armrests with duron pads

Standard Duron Gel Arms Code: X

Description: Armrests with duron gel pads

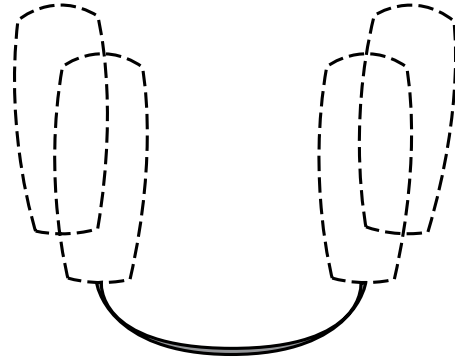
Standard Duron Arms with Matching Textile Code: 2

Description: Armrests with duron pads covered in the same textile and color as the seat and back cushions

Standard Duron Gel Arms with Matching Textile Code: M

Description: Armrests with duron gel pads covered in the same textile and color as the seat and back cushions

Advanced Armrests



Advanced Duron Arms Code: 3

Description: Advanced armrests with duron pads. Outward/inward lateral armrest movement

Advanced Duron Arms with Matching Textile Code: 4

Description: Advanced armrests with duron pads covered in the same textile and color as the seat and back cushions

Advanced Duron Gel Arms Code: D

Description: Advanced armrests with duron gel pads. Outward/inward lateral armrest movement

Advanced Duron Gel Arms with Matching Textile Code: C

Description: Advanced armrests with duron gel pads covered in the same textile and color as the seat and back cushions. Outward/inward lateral armrest movement



Graphite Code: G

Description:

Graphite metal and plastic parts

Guidelines:

Comes Standard with plastic base



Titanium Code: T

Description:

Titanium metal and plastic parts

Guidelines:

Comes Standard with plastic base



Polished aluminum with Graphite Trim Code: A

Description:

Polished aluminum frame with graphite shells on cushions and armrests

Guidelines:

Comes standard with polished aluminum base



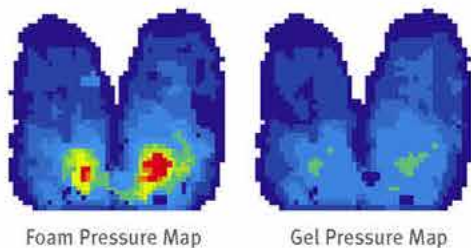
Polished aluminum with Titanium Trim Code: M

Description:

Polished aluminum frame with titanium shells on cushions and armrests

Guidelines:

Comes standard with polished aluminum base



- Contoured Foam for long-term sitting comfort.
- Optional Technogel® layer maximizes weight distribution.



Standard Foam Seat Pan Code: -

Description/Application: Molded polyurethane foam seat, carefully sculpted to match body contours.

Gel Seat Code: G

Description/Application: Technogel layer on top of foam core. Provides maximum pressure distribution.

Guidelines: Not available with Sensuede, Promessa, Vicenza, Cervo, and Aqua

Note: In Q3, we are moving away from the usage of glue in all of our chair cushions.
No glue means less usage of materials equaling a more environmentally friendly solution.
This change will make your chair more durable and mean it will look as good in 15 years as they do today.

TECHNICAL SPECIFICATIONS

freedom®

CYLINDER COMPATIBILITY PER CHAIR

Standard cylinder 5" Code: -

Description/Application: The Standard cylinder offers a 5" height adjustment range. Appropriate for 95% of users.

Guidelines: Polished Aluminum chairs ship with Polished cylinders. Graphite and Titanium chairs ship with Black cylinders.

Low cylinder 3.75" Code: L

Description/Application: The Low cylinder offers a 3.75" height adjustment range. Appropriate for shorter users.

Guidelines: Polished Aluminum chairs ship with Polished cylinders. Graphite and Titanium chairs ship with Black cylinders.

Tall cylinder 5" Code: T

Description/Application: The Tall cylinder offers a 5" height adjustment range. Appropriate for tall users. Not available with foot ring option.

Guidelines: Polished Aluminum chairs ship with Polished cylinders. Graphite and Titanium chairs ship with Black cylinders.

High 8" cylinder with 18" foot ring Code: F

Description/Application: High cylinder offers a 8" height adjustment range. Appropriate for very tall users or settings requiring tall chairs. Height adjustable 18" diameter foot ring.

Guidelines: Polished Aluminum chairs ship with Polished cylinders. Graphite and Titanium chairs ship with Black cylinders.

3" Return to Height cylinder Code: A

Description/Application: Returns chair to original height once user weight is removed to keep consistent look in room.

Guidelines: Polished aluminum chairs ship with polished cylinders. Graphite and Titanium chairs ship with black cylinders.

Extra-High 10" cylinder w/ 18" Foot ring

Code: X

Description/Application: Ideal for very tall users or settings that require a tall stool such as spaces with counters or bar areas. Comes with height-adjustable 18" diameter foot ring.

Guidelines: Polished aluminum chairs ship with polished cylinders. Graphite and Titanium chairs ship with black cylinders.

Extra-High 10" cylinder w/ 21" Foot ring

Code: Z

Description/Application: Ideal for very tall users or settings that require a tall stool such as spaces with counters or bar areas. Comes with height-adjustable 21" diameter foot ring.

Guidelines: Polished aluminum chairs ship with polished cylinders. Graphite and Titanium chairs ship with black cylinders.

Note: We will implement new Clean cylinders across all chairs starting with the 5" Standard cylinder

Clean cylinders keep the grease within the inside housing of the cylinder can

Standard 5" Black Clean cylinder: available mid July

All Freedom Chairs will use black Clean cylinders.

Code	Cylinder	Freedom Headrest & Task	Pony & Saddle
-	Standard 5"	Yes	Yes
A	3" Return to Height	Yes	Yes
L	Low 3.75"	Yes	Yes
T	Tall 5"	Yes	Yes
H	High 8"	Select F or R cylinder w/ foot ring	Yes
F	High 8" w/ 18" Foot ring	Yes	Yes
R	High 8" w/ 21" Foot ring	Yes	Yes
X	Extra-High 10" w/ 18" Foot ring	N/A	Yes w/ glides or locking casters only
Z	Extra-High 10" w/ 21" Foot ring	N/A	Yes w/ glides or locking casters only

Standard hard casters Code: -

Description/Application: 2.4" casters with hard accent ring for environments with carpeted floors

Soft casters Code: S

Description/Application: 2.4" casters with soft accent rings for environments with hard floors

Glides Code: G

Description/Application: Non-rolling glides for fixed-location use

Guidelines: Glides must be used when extra-high 10" cylinder is selected on Pony or Saddle

Locking casters Code: K

Description/Application: 2.3" casters operate when no weight is applied to the chair but automatically lock when someone is seated

Guidelines: Locking casters must be used when extra-high 10" cylinder is selected on Pony or Saddle

TECHNICAL SPECIFICATIONS FIRE PROOFING

freedom®

None-Standard Plastics & Foams Code: -

Description/Application: No fire proofing. Chair is made with standard foams and plastics.

CAL133-Approved Plastics & Foams Code: C

Description/Application: Fireproof barrier between textile and foam. Chair is made with fire-retardant plastics.

Note: As per law requirements, a CAL133 label is added to our chairs that require the CAL133 option.

TECHNICAL SPECIFICATIONS COAT HANGER

Coat Hanger Option

Code: FREEDOM HEADREST COAT HANGER KIT

Code: FREEDOM TASK COAT HANGER KIT

Description/Application: Coat hanger provides users with a convenient place to hang their clothing articles to avoid them from being crushed or getting wrinkled. This is ideal for office environments where there are no places to hang coats. There is a specific coat hanger for each chair.

Guidelines: Only applies to Freedom Task or Headrest.

Note: Coat hanger option is available in the Freedom Headrest and Freedom Task configurator by clicking on the "Accessories" tab.



Standard Matching Base Code: -

Guidelines: Standard Composite Base if G or T Frame is selected. Standard Polished Aluminum Base if A or M Frame is selected.

Powder-coated Aluminum Base in Graphite or Titanium Frame Code: M

Description/Application: Powder-coated Aluminum base added to chair

Guidelines: Only available for Graphite and Titanium Frame options

Polished Aluminum Base Code: A

Description/Application: Polished Aluminum base added to chair

Guidelines: Only available for Graphite and Titanium Frame options

SHIPPING OPTIONS

Individually Boxed Code: -

Description/Application: Chair is boxed

Guidelines: Base separated from chair for shipment.

Blanket Wrapped Code: B

Description/Application: Chair is blanket wrapped

Guidelines: Chair ships fully assembled. Blanket wrapped shipping is available for full truckloads of 200 or more chairs.

Category	"Name (Grade)"	Selling Point	FreedomTask / Headrest	Pony / Saddle	Available Colors
Leathers	Vicenza (Grade 0)	Affordable, aniline-dyed leather produced from European hides. Receives special retannage which enriches the leather and tightens the grain.	Seat & Back	Seat	Black, Dark Brown, Saddle, Night Blue
	Bizon (Grade 1)	Thick, rich grain with excellent light fastness. Plain pigmented finish with great stain protection & soft touch	Seat & Back	Seat	Black, Miso, Terra
	Cervo (Grade 3)	Thickest leather in our collection. Provides soft pebble grain texture unmatched by any other leather in its class.	Seat & Back	Seat	Sasso Nero, Mantefalcone, Aveto
Four-Way Stretch	Wave (Grade 1)	Developed for sportswear. Colors taken from hues of nature.	Seat & Back	Seat	Black, Graphite, Smoke, Dark Brown, Rattan, Loden, Sage, Blue, Navy, Ultraviolet, Poppy, Cayenne
	Vellum (Grade 1)	Nylon, codura and elastic yarn for nice texture and durability.	Seat & Back	Seat	Black, Graphite, Ash, Light Gray, Seal, Beech, Mahogany, Moss, Grass, Greenwood, Navy, Perwinkle, Pomegranate
	Ginkgo (Grade 2)	90% wool with vibrant and saturated colors.	Seat & Back	Seat	Black, Charcoal, Walnut, Storm, Navy, Wheat, Green, Horizon, Harvest Orange
Antimicrobial	Lotus (Grade 1)	Water repellant and easy to clean. Ideal for healthcare and hospitality. Polyurethane with nylon backing.	Seat & Back with Thin Cushion	Seat	Black, White, Shale, Hermatite, Walnut, Umber, Ochre, Verdant, Navy, Plum, Crocus, Eggplant, Earth Red, Lucky Red
	Promessa (Grade 3)	Environmentally friendly, wipeable and anti-microbial. Good for healthcare.	Seat & Back with Thin Cushion	Seat	Atlantic, Horsehair, Cashmere, Fields, Leather, Bronze, Shale, Ebony
Robust Fabrics	Squiggle (Grade 0)	100% Polyester. Design resembles ripples of water.	Seat & Back with Thin Cushion	Seat	Ash, Chocolate, Sand, Espresso, Navy
	Bridget Stripe (Grade 2)	Renewable merino Wool with 5 color, 50 stripe pattern with extra durability. Available in horizontal and vertical stripes.	Seat & Back	Seat	Smoke, Kohl
	Sensuede (Grade 3)	Fabric with a suede touch	Seat & Back with Thin Cushion	Seat	Ebony, Pewter, Cohoclote, Goldenrod, Olive, Pear, Persian, Oxblood

Note: Box stitching only available with Humanscale standard leather offering. It is not available with COL or custom colors.

Squiggle/Vertical Code: S

Grade: 0

Colors:



106 Ash



208 Chocolate



262 Sand



275 Espresso



507 Navy

Squiggle/Horizontal Code: G

Grade: 0

Colors:



106 Ash



208 Chocolate



262 Sand



275 Espresso



507 Navy

Vellum Code: V

Grade: 1

Colors:



101 Black



102 Graphite



106 Ash



114 Light Gray



202 Seal



211 Beech



212 Mahogany



404 Moss



407 Grass



414 Greenwood



507 Navy



607 Periwinkle



713 Pomegranate

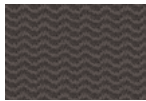
Wave Code: W

Grade: 1

Colors:



101 Black



102 Graphite



104 Smoke



201 Dark Brown



213 Rattan



402 Loden



415 Sage



502 Blue



507 Navy



601 Ultraviolet



714 Poppy



803 Cayenne

Lotus Code: K

Grade: 1

Colors:



101 Black



128 White



158 Shale



182 Hematite



2C4 Umber



281 Walnut



302 Ochre



459 Verdant



507 Navy



603 Plum



608 Crocus



624 Eggplant



757 Earth Red



758 Lucky Red

Bridget Stripe/Vertical Code: B

Grade: 2

Colors:



104 Smoke



266 Kohl

Bridget Stripe/Horizontal Code: H

Grade: 2

Colors:



104 Smoke

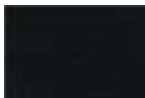


266 Kohl

Ginkgo Code: F

Grade: 2

Colors:



101 Black



197 Charcoal



281 Walnut



463 Green



507 Navy



556 Storm



568 Horizon



816 Harvest Orange

Sensuede Code: D

Grade: 3

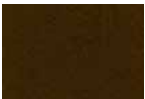
Colors:



111 Ebony



115 Pewter



208 Chocolate



305 Goldenrod



406 Olive



411 Pear



413 Arbor



517 Persian



712 Oxblood

Promessa Code: E

Grade: 3

Colors:



111 Ebony



158 Shale



215 Horsehair



219 Fields



224 Cashmere



245 Bronze



255 Leather



518 Atlantic

Vicenza Code: Z

Leather Grade: 0

Colors:



101 Black



201 Dark Brown



214 Saddle

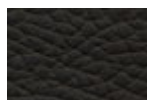
Bizon Code: Q

Leather Grade: 1

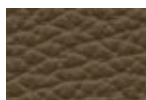
Colors:



111 Black



458 Terra



429 Miso

Cervo Code: R

Leather Grade: 3

Colors:



1A6 Pietra Lentina



1A7 Sasso Nero



2F0 Mantefalcone



2E8 Aveto



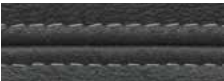
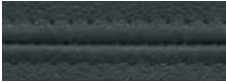
2E9 Metaponto



470 Campigna

Vicenza Leather (Grade 0)

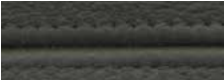
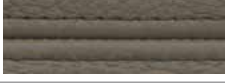
Stitch Color

	Vicenza Night Blue	Vicenza Dark Brown	Vicenza Saddle	Vicenza Black
Vanilla				
Cocoa				
Espresso				
Midnight				
Oak				
Tan				
Coffee				
Noir				

* Images do not reflect the exact colors

Bizon Leather (Grade 1)

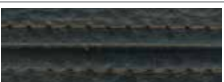
Stitch Color

	Bizon Terra	Bizon Miso	Bizon Black
Vanilla			
Cocoa			
Espresso			
Midnight			
Oak			
Tan			
Coffee			
Noir			

* Images do not reflect the exact colors

Cervo Leather (Grade 3)

Stitch Color

	Cervo Aveto	Cervo Mantefalcone	Cervo Sasso Nero
Vanilla			
Cocoa			
Espresso			
Midnight			
Oak			
Tan			
Coffee			
Noir			

* Images do not reflect the exact colors