

bodyflex

 **Genesisys**
OFFICE FURNITURE
DELIVERING FURNITURE SOLUTIONS SINCE 1997
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Seating Specification Guide



reddot design award



FLEX BEYOND MECHANISM

In addition to the mechanical slope adjustments the special design of the back offers an extra 19 degrees tilt. Active Back™ imitates user's movements for instantaneous support and the reduction of back stress.



ACTIVE BACK

The innovative technological material, which is FDA certified, is completely nontoxic and safe.

Durable and lasting design provides full support and gentle comfort for all body types. Supporting various postures, Bodyflex allows users to rest their body.

Bodyflex is made from 100% recyclable materials. Delicate material of Active Back™ is harmless to the environment.

RECLINING LOCKING

Bodyflex provides the options of boundless movement or 3 reclining angles.

Along with the positions that the locking mechanism provides, Active Back provides an extra 19-degree back tilt.

The Active Back™ is especially flexible which perfectly embraces and supports user's waist and back for a carefree relaxation. Bodyflex's Support extends to its maximum tilt position, providing comfort even when doing reflective tasks such as talking on the phone, stretching and most importantly, thinking.

Emphasized by the red circles, Active Back™ stabilizes the pelvis and rises intelligently along with user's movements in order to provide absolute support at each reclining angle.



CONSTANT INTELLIGENCE

The Self Inclined Mechanism (SIM) leads your body to the ideal position that brings the maximum support to the user's back. It operates constantly to support user's body weight and spine in various work postures.

The SIM moves smoothly in line with the human body. It provides recline support respectively to user's body weight which, orientates users to their workspace.

The SIM proactively assists users to standing position when leaving the seat.

Revolutionized complexity in construction, operation and produced an ergonomic product that can be adjusted at ease.



OPEN DESIGN

The unique design of Bodyflex's armrests provides extensive work space allowing user to socialize and communicate boundlessly. It also has a fashionable design of simple and flowing silhouette.

WIDE COLOUR SELECTION

Bodyflex provides various options. There's wide selection of colour and finishes to accommodate various tastes and surroundings. The gentle comfort reduces working fatigue.



MATERIAL INTRODUCTION

4 S DNA

SIMPLE/
STYLISH/
SENSIBLE/
SUSTAINABLE

Seat Back

Material

Nylon + Glass Fiber + ABT™

Description:

Fully supports the central ABT™ area, durable and 100% recyclable.

Armrest

Material

Aluminum

Description:

The characteristics of aluminum allow us to design the very special form and shape. 100% recyclable.

Armrest Pad

Material

PU

Description

Durable, scratch resistant, various color choices, and most importantly comfortable even after users rest their arms for a long period of time.

Seat Pad

Material

Special Injection PU Foam + Fabric

Description:

Breathable fabrics, upholstery is substantial abrasion resistant (the yet has a slim appearance).

Mechanism

Material

Aluminium

Description

Numerous mechanism features of Bodyflex are patented. The connectors create the consistent and enduring chair movements. The material has a flexible, sturdy and enduring structure.

Seat Shell

Material

PP + Glass Fiber

Description:

The advantages of PP are its recycling features and light weight strength. Glass Fiber adds firmness and durability.

Star Base

Material

Aluminium

Description

The polished and powder coated base is processed using nontoxic materials.

Castors

Material

PU

Description

Durable, scratch resistant, supports heavy loads, and is suitable for various surfaces.



ACTIVE BACK TECHNOLOGY™

4 S DNA

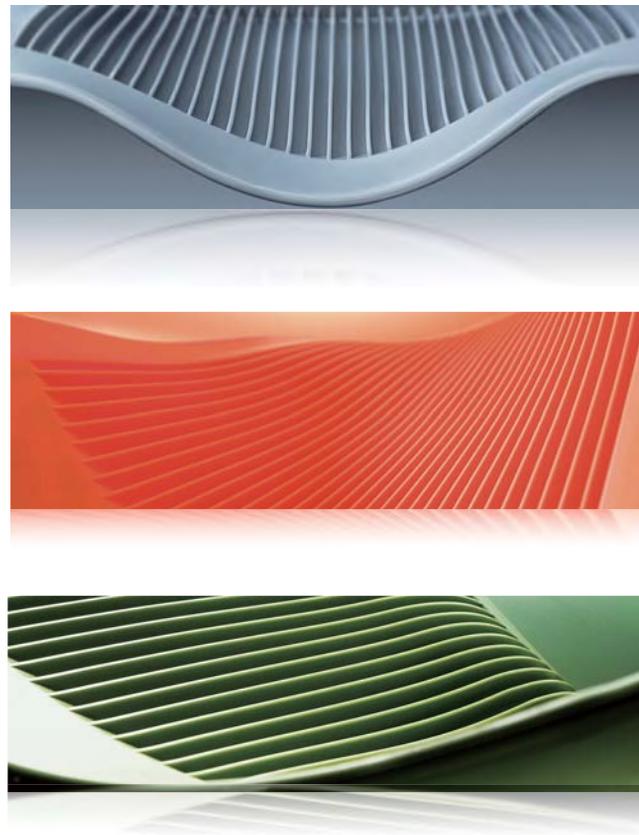
SIMPLE/
STYLISH/
SENSIBLE/
SUSTAINABLE

ABT™ is an exclusive patent. It is a special material which not only has flexible and supportive features but could also retain its shape™ after long period of usage. It is 100% recyclable and the flexible design of the seat back matches to all types of users. Moreover, the ABT™ material passed the US food industry examination and is non-toxic and harmless to the environment.

The flexible back is made from a combination of two materials, providing strength, robust support, and flexible comfort. ABT™ (Active Back Technology) is the innovative material which is non-toxic and FDA certified.

Comfortable for extended periods of use. ABT™ supports users through every change in position and is in harmony with the user without intrusion. It is 100% recyclable - friendlier to the user, and our environment.

Our choice of materials provides a feeling of fusion with the chair.



ADJUSTMENTS

4 S DNA

SIMPLE/
STYLISH/
SENSIBLE/
SUSTAINABLE



ABT™

The flexible back offers 19 degrees of recline, instead of a stiff and immobile frame for the backrest support. With the ABT™ soft comfort is provided with a pleasant seating experience.



RECLINE LOCK

The multi-reclining feature provides upright sitting as well as variable degree recline.



INTERACTIVE SEAT



Seat depth counter-balances body weight resulting in a smooth and effortless sitting. Its intelligent consideration provides security and durability. The proactive features have become Bodyfex's core values.

HEIGHT ADJUSTMENT

Maximum of 110mm (± 2 mm) height adjustment.



TENSION ADJUSTMENT

Reclining tension control can be adjusted in regards to various body shapes and weights.



DEGREE OF RECLINING LOCKING

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SIMPLE/
STYLISH/
SENSIBLE/
SUSTAINABLE

Choose the unlimited rocking or 3 reclining angles.

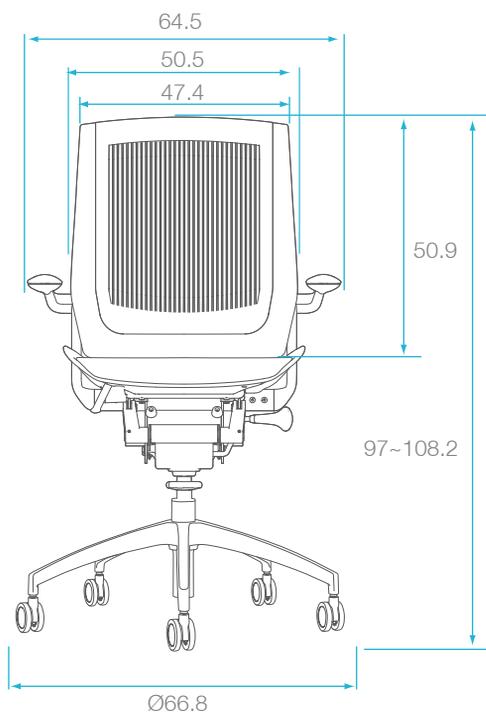
The Flex back offer 19 degrees of edge flex without a hard frame.



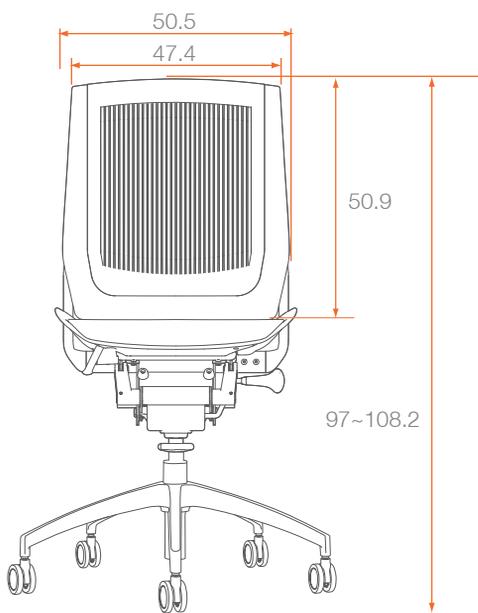
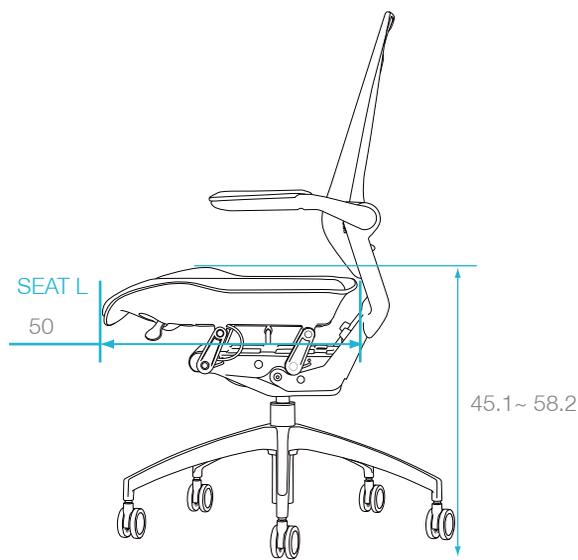
SPECIFICATION

4 S DNA

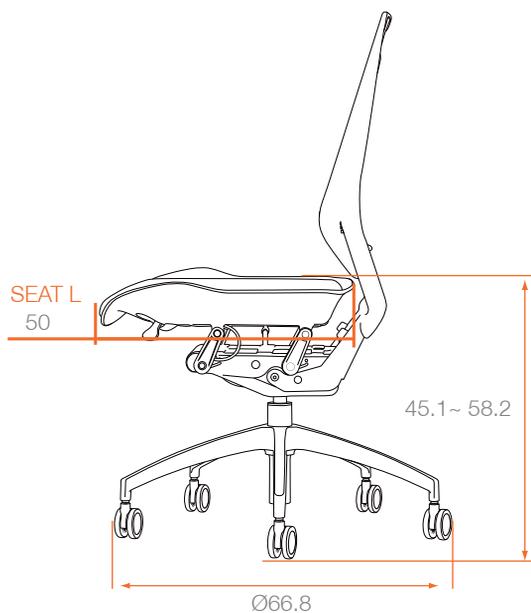
SIMPLE/
STYLISH/
SENSIBLE/
SUSTAINABLE



Executive Chair With Arms unit: cm



Executive Chair Without Arm unit: cm



TEST STANDARD

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SIMPLE/
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SENSIBLE/
SUSTAINABLE

Test Standard



EN Test:

Executive Chair: For compliance with DIN EN 1335-1:2002, DIN EN 1335-2:2010, DIN EN 1335-3:2009

Chemical Test:

For compliance with Polycyclic Aromatic Hydrocarbons (PAHs), Banned azo dyes, Smell (Odour) and Emission of VOC & Formaldehyde base on ISO 16000-6, 16000-9 and EN717-1

BIFMA Test

Test Requested:

For compliance with ANSI/BIFMA X5.1-2011 General-Purpose Office Chairs-Tests.

Test Methods: According to test procedures of ANSI/BIFMA X5.1-2011

CPSIA

Test Requested: For compliance with lead in paint/similar surface coating material in US Public Law 110-314 (HR4040'Consumer Product Safety Improvement Act of 2008')

Fabric Specification & Testing

A	Fire Tests
1	California Technical Bulletin 117 Section E ,Part 1, Upholstery Fabric
2	BS 7176-2007 (BS EN 1021-1:2006 BS EN 1021-2:2006)
B	Tests
1	Fabric weight (OZ/SQ,Yd -ASTM D 3776-09 a) (R2002)
2	Defects - ASTM D 3990-99 (R2004)
3	Evenness of color - ASTM D 3990-99 (R2004)
4	Fabric Strength- Length & Width-ASTM D 5034 - 95 (R2001) - MIN. 50 LBS
5	Abrasion Resistance - ASTM D 3884 - 01 e1 - 300 cycles for Fabrics , Less than 10 weight loss
6	Tear Strength - Warp Fill - ASTM D 1424 - 09
7	Colorfastness - Light - AATCC 16, GRADE 4@10HR
8	Colorfastness - Dry Crocking - AATCC 8 / 116, GRADE 4
9	Colorfastness - Wet Crocking - AATCC 8 / 116, GRADE 4
10	Colorfastness - Water Spotting - AATCC 104 - 2004 - CLASS 3.5
11	Abrasion Resistance : ISO 12947-2 No. of rubs Over 80,000 rubs

Foam Test

Test Requested: For compliance with:

Packaging Test

Test Requested: