

switch

Seating
Specification
Guide



KOPLUS®

PRODUCT INTRODUCTION



FLEX BEYOND MECHANISM

A meeting room furnished with Switch offers flexibility and versatility. It can be used in a meeting and conference room or simply a relaxed environment. Make any space a quality meeting place.



ACTIVE BACK

- The innovative material which is FDA certified, is nontoxic and safe.
- Designed for long periods of use Switch gives full and gentle support for all body types. It allows users to rest their arms and to sit in any position while remaining supported at all times.
- Made from 100% recyclable and light weight material, Active Back™ material is harmless to the environment.

EFFORTLESS STORAGE

The KOPLUS Switch Nesting Chair is contemporary styled with a simple tilt seat that enables effortless storage.

SUPER COMFORT

The sophisticated surrounding brings a sense of content and peace. When sitting on Switch the user will be comfortable and any stress will fade away.



WIDE COLOUR SELECTION

The colour range and finishes are designed to suit all tastes and surroundings.

Comfortable and soft seat reduces work fatigue.

The Switch Nesting Chair is stylish and versatile for various applications.



MATERIAL INTRODUCTION



Backrest

Material

ABT™

Description:

Koplus patented 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.

Armrest

Material

PP + Glass Fiber

Description:

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

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.

Seat Pad

Material

PU Foam + Fabric

Description:

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

Castors

Material

PU

Description

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

Leg Frame

Material

High Tensional Strain

Description

High impact resistant and is stronger in comparison to standard tube. Invisible screws give a smooth streamline.



ACTIVE BACK TECHNOLOGY™



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

Comfortable for extended seating periods, ABT™ supports you through every change of position and is in harmony with you so that you won't even know it's there. It is 100% recyclable after use – friendlier to you, and friendlier to our environment. Our choice of materials gives you a feeling of being at one with your chair.



FEATURES

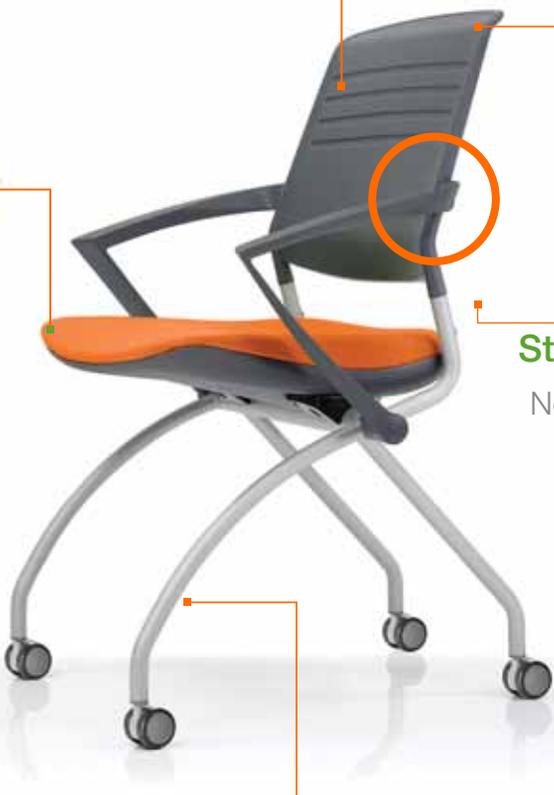


Supportive frame + Streamline silhouette
Backrest side supports are thin yet extremely strong and supportive.
Under KOPLUS special production technique it is durable and distortion proof.
Invisible screws give a smooth streamline.



Streamline Design + Tilted Seat

Slight tilt of the seat binds user's body completely with the chair.
High Density PU seat pad with a thin front and thick back design provides softer comfort for better blood circulation.



ABT™ Low-back Design

Unique use of soft material and low back design allows limitless movements.



Strong Ergonomic Armrest

Not only do the armrests have a sleek and light design but it is sturdy and strong at the same time. Unique ergonomic angle designed with special space features that allow arms to be freely positioned.



Nesting Storage

Simple storage space not only provides high versatility but also professional comfort for long periods. Special nesting facility allows seat to remain upright. Along with the light weight design storage and arrangement are made easier.



TEST STANDARD



Test Standard

BIFMA Test

Test Requested:

For compliance with ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests.

Test Methods: According to test procedures of ANSI/BIFMA X5.1-2002

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:
California Technical Bulletin 117

- (1) Section A, Part
- (2) Section D, Part

Packaging Test

Test Requested:

For compliance with ISTA-1A Packaging test.
Packaging Test Procedure(ISTA-1A)