



Features & Benefits

Materials

Polyester (Trevira CS)

Trevira CS is a special type of Polyester, which chemical composition is assuring a very good fire resistance. Furthermore, Trevira CS fibres guaranty a high degree of light resistance and abrasion properties. Trevira CS is safer and therefore more expensive than ordinary Polyester.



Wool

Wool is quite elastic and thus capable of withstanding a high degree of wear. Wool resists dirt to a greater extent than other types of fabric because of the unique structure of the wool fibre and because wool produces very little static electricity. Wool is intrinsically flame retardant as its ignition temperature is very high and since wool neither drips nor melts, but chars. Woollen fabric is very comfortable since the wool fibre adjusts to room temperature thanks to the compactness of the fibres and the breathability. Hence, wool upholstery feels warm in the cold and cool in the heat.



Leather

Leather is a natural product. The less treatment has been applied on the skin the more it is worth. For a totally natural Leather only the best parts of the skin are used with a very light surface protection. This kind of leather is mostly used for the home furniture, like sofas. Semi Natural Leather is a good alternative to non treated natural leather with a higher resistance. Due to a special treatment of the surface, this leather is very resistant for a use in office furniture. The natural structure of the leather is not altered. For the rectified leather, skins of lower quality are used, treated and the typical leather structure is stamped on the skin. For that reason the structure is very regular. Touch and smell of rectified leather is the same as natural leather.



Electro-welding

The embossed fabric is a thermo molding technique used on 32 Seconds back rest for decorative purposes.

Price level A

You have the choice between **three Polyester fabrics** with different design: Lucia, King, Pixel

Lucia (chairs and panels) : The universal fabric

Lucia is a less expensive alternative to the wool fabric Gaja.

It is a crepe fabric available in 24 plain colours. Lighter colours are recommended for panels, darker colours for chairs.

8 light colours correspond to the national fire resistant requirements for panels:

M1 (France), B1 (UK), Classe Uno (Italy).

11 colours are available with an abrasion resistance of 100 000 cycles Martindale on demand (consult the swatch card).

Steelcase

King (chairs and panels) : The traditional fabric

King is an improved version of JET, characterized by a warp and weft weaving structure.

The weaving is precise and close-meshed without any piling.

Available in 16 colours, 6 of them are identical or very close to JET.

5 new bicoloured fabrics with a small geometrical pattern give King a new look.

The bicoloured references can easily be combined with the plain colours on the same chair (backrest/seat) but they are not available on panels.

Atlantic :

Atlantic is a fabric which conveys a sporty, technical and contemporary look. It is a 100% Polyester fabric with a high level of resistance to abrasion (110,000 Martindale). The collection comprises a mixture of 13 classic and on-trend colours. It is available on most seating and panel ranges. Atlantic represents a good price/value ratio.

Price level B

You have the choice between **three high quality fabrics**: Gaja (**wool**), Domino (**Polyester Trevira CS**) and Softex (mainly made out of **Polyester and Polyurethane**)

Gaja : The classical fabric

High quality wool fabric in a crepe weaving structure.

A wide colour range containing a mix of fresh and more classical shades.

Gaja is in our fabric offer since 1998 and is still one of our bestseller.

Domino : The structured fabric

High quality Polyester (Trevira CS) fabric in a warp and weft structure.

The weaving structure is creating a geometric pattern with interesting light effects.

Available in 16 classical colours, which can be integrated in any office environment.

Softex : practical and easy

Softex is mainly made out of Polyester and Polyurethane. It has the same advantages as vinyl but is more environment

friendly since it does not contain any Poly Vinyl Chloride (PCV). For its anti-bacterial and waterproof properties, Softex is particularly recommended for in between areas and coffee corners. There are 18 plain colours in the palette for now.

Price level C

Club : a "homely" look in the work environment

Club fabric is made of 100% Wool and gives a homely and cosy look to in between and informal meeting areas.

The colour palette of Club fabric is composed of 9 plain colours which combine to set the desired tone. Unlike the fabrics used for task and visitor chairs, Club fabric is meant for short time usage.

Fame : the high wear fabric

Fame fabric is a high wear fabric made of 95% Wool and 5% Polyamide.

With a resistance of 160.000 Martindale abrasion cycles and a colour palette of 16 contemporary colours, this fabric is a perfect compromise between aesthetics and performance. It is especially recommended for applications involving intensive use of products, such as call centers.

Fame is available on all Steelcase Task and Visitor chairs.

Price level D

Country

Rectified leather in 3 classic colours.

Comfort : the silky fabric

With 88% Polyester and 12% Polyurethane, the Comfort fabric looks like the Alcantara fabric but has a greater elasticity

due to the increased quantity of Polyurethane in its composition.

With its soft touch, Comfort gives the products an elegant and cosy look.

Eight plain colours are available in our standard offer, but 101 colours are available via the Steelcase special department.

Price level E

Europe

Semi natural leather in 14 colours.

Product specific fabrics

3D: 3 Dimensional fabrics

3D fabrics are made of synthetic fibers weaved in a special manner to obtain different thicknesses and levels of flexibilities.

According to the requirements they can be used to improve the breathability of an upholstery (ex: #1) or to replace it and thus increasing the seating comfort (ex: Think or Please).

3D fabrics can also be used to obtain a certain technical look (ex: Joy).

3D Knit (only for Think, Leap, i2i and 32 Seconds)

Loosely weaved 3D fabric, replacing the upholstery of the backrest.

In combination with the thin bars it gives a perfect support to the back adapting to every movement of the body. Available in black and white.

Net and Net Lines (only for Qivi)

The Connect 3D fabric is a 100% Polyester fabric available on Cobi. The Connect 3D palette is comprised of 8 colours matching the colours available in the 3D knit palette. A subtle pattern play gives a technical and contemporary look to the fabric.

Connect 3D (Only for Cobi)

The Net and Net lines fabrics are knitted fabrics, 100% Polyamide. Available in 8 colours matching the Connect 3D and 3D knit palettes, they give an authentic and unique look to Qivi. Slightly open and stretchy, these fabrics create a feeling of comfort especially on the back rest of the chair.

ZAP (only for Forward)

A smooth close-meshed weaving with interesting light effects. Depending on the vision angle the colour is slightly changing. Available in three classic and three fresh colours.

24/7 + (only for Leap 24/7)

The 24/7 + fabric is specific to the Leap 24/7 chair. It is a high-wear fabric with a resistance of 500,000 Martindale and a palette of 5 colours. It is the ideal solution for call-centres and air traffic control work areas and other applications where the chairs are used intensively.

Atlantic (embossed)

The Atlantic fabric, with its airy touch and feel, gives a sporty and technic look to 32 Seconds. It is available in 6 colours.

NB: when choosing one colour for the backrest with the embossed pattern, the seat cushion colour is automatically selected as the same as the one on the backrest.

Antistatic Treatment

Gaja antistatic (only for Let's B antistatic)

Static Electricity builds up in very dry atmospheres like office environments with many computer installations. If it is not dissipated in some way it will build up causing electrostatic shocks.

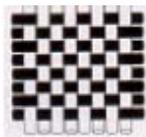
To ensure that the office chair is totally antistatic, all components including the fabric have to be conductive.

Fabrics can be treated with chemicals to make them antistatic, but the conductive properties may reduce in time.

Therefore Gaja antistatic contains stainless steel which will not reduce throughout fabric lifetime.

Glossary

Warp and Weft



Warp and weft fabrics are woven very conventionally, with two types of yarn: the warp yarns are parallel and lie in the lengthways direction, whilst the weft yarns lie in the widthways direction and are woven through the warp yarns.

This is the basic weaving technique. Plain warp and weft fabric looks very classic (and is thus timeless).

Crepe



Crepe describes the aspect of a warp and weft of fabric, where the yarns are closely twisted and pressed together.

A wavy surface is characteristic of crepe. The sophisticated and irregular appearance achieved in this way is much sought after.

Knitted fabric



Weaving involves the interlacing of the warp and weft threads to produce a piece of fabric. As a result the fabric as a uniform and smooth structure with a discrete relief effect that adds shades and depths to the surface and the colour. The visual values ranges from a classic, discrete techno look to a fresh and sporty expression.