

# Liù DS TS Chair

design Archirivolto, 2013

Liù office chair with five ways base on. weels. Swivel and high adjustable. Shell upholstered with fabric, faux leather and leather.

# **Colors and Materials**





**Cotton Club fabric** 14 Colors



**Fenix Wool fabric** 16 Colors



Main Line Flax fabric Mirage fabric 16 Colors





Second fabric 11 Colors



Visual fabric 13 Colors



**Velvet Superb** 

15 Colors



Secret faux leather



Vintage faux leather



21 Colors

Fiore leather



Vintage leather

8 Colors



13 Colors



Manhattan fabric

13 Colors



Yoredale fabric

14 Colors

# **Dimensions**



	cm	inch
Α	82/91	32.3/35.8
В	58	22.8
С	57	22.4
D	45/54	17.7/21.3

# **Volumetric Details**

Weight 10.5 Kg Volume 0.28 mc Package 2

# **Materials Certifications**

#### Cotton Club fabric

COMPOSITION: 70 % COT; 10% PES; 10% ACR; 10% AF Abrasion resistance (Martindale) 100.000 cycles

Cotton Club by Flukso is a fabric made from latest generation regenerated cotton yarns. To create this fabric, specific fixing techniques were used, that give it and help maintaining a natural, slightly wavy and vibrated look.

### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating.

REGULAR CLEANING: vacuum frequently, at least once a week, at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue

of the stain with a damp cloth or a neutral soap solution.

Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight.

For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Slight color differences between a lot and the other are to be consdered normal.

### **Materials Certifications**

Fenix Wool fabric

COMPOSITION: 75% WO, 25% PA MARTINDALE: 100.000 cycles

FIRE RESISTANCE:

Classe 1IM N 1021 Part 1-2

Calif. Bull. 117 June 2013

Fenix Wool is a wool fabric with a particular and warm finish, obtained thanks to a treatment that confers softness to the touch and, at the same time, a good consistency, able to achieve excellent resistance to pilling and abrasion.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating.

REGULAR CLEANING: vacuum frequently, at least once a week, at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more stubborn stains, promptly dissolve the stain with neutral soap diluted in water,

rub gently and rinse. Repeat until the stain is removed, and let dry. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized

in upholstered products cleaning. We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without

being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

Main Line Flax fabric

COMPOSITION: 70% Virgin Wool - 30% LI

MARTINDALE: 60.000 CYCLES

FIRE RESISTANCE:

EN 1021 - 1&2 (cigarette & match)

BS 7176 Low Hazard BS 5852 Ignition Source 5 BS 7176 Medium Hazard

NF D 60-013

ÖNORM B 3825 & A 3800-1 (58kg/m3 CMHR Foam)

UNI 9175 Classe 1 IM

BS 5867-2: Type B Curtains & Drapes

IMO FTP Code (Part 8)

The Furniture and Furnishing (Fire) (Safety)
Regulations 1988 (Domestic Cigarette and Match)

**ENVIRONMENTAL CERTIFICATIONS:** 

Certified to the EU Ecolabel

Certified to Indoor Advantage™ "Gold" Rapidly renewable and compostable

Made from wool and bast fibre

Main Line Flax fabric is created with virgin wool and linen, inherently fireproof materials of sustainable origin. The particular weave of the fabric, with the alternation of colors in its texture, make it aesthetically interesting, while not giving up to softness and comfort.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue

of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with

water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted

in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach. These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized

in upholstered products cleaning.

We recommend to not expose light colored fabric for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

### **Materials Certifications**

#### Mirage fabric

Composition: 100% Polyester Mantindale: 100.000 cycles

FIRE RESISTANCE:

Classe 1IM B1 DIN 4102

M1

B1 OENORM B3825 Q1 OENORM 3800 Part. 1

BS 5852 Crib 5 EN 1021 Part.1-2

Calif. Bull. 117

Mirage is the fireproof coating by Pugi RG: in recyclable polyester, it is suitable for covering any surface thanks to its elasticity and texture, which does not give direction to the fabric. It is very resistant to abrasion and pilling. Different finishes make Mirage perfect to customize our products.

# CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

# REGULAR CLEANING:

vacuum frequently, at least once a week, at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then

rinse with water. Let dry, avoiding direct exposure to sunlight. Do not use bleach. These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning. We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal..

# **Materials Certifications**

#### Second fabric

COMPOSITION: 70% VI - 30% LI MARTINDALE 20.000 cycles

FIRE RESISTANCE:

Classe 1IM EN 1021 Part.1-2 BS 5852 Crib 5

Calif. Bull. 117 June 2013 IMO 307 (88) Part.8

Second fabric is made of 100% viscose and linen, natural fibers that guarantee the highest safety standards in terms of fireproofing. Without formaldehyde and substance derived from chlorine and bromine,

Second is 100% natural. In the presence of fire, Second fabric carbonizes and creates a protective wall around flames, without melting, with a resistance above 1000°C (1832°F). Its processing gives it a particular herringbone pattern.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

Visual fabric

COMPOSITION: 100% PES FR MARTINDALE: 60.000 cycles

FIRE RESISTANCE:
DIN 4102-1 B1
BS 5852-1 (source 0 and 1)
BS 5852 CRIB5
UNI 9175 classe 1 IM

EN 1021-1 FN 1021-2

IMO FTP CODE 2010

Visual is a knit fabric, made with FR polyester, bielastic and made with jacquard knitted looms. The slightly three-dimensional fabric construction, combined with sound absorbing material, contributes to decreasing sound reverberation.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently, at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue

of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

We recommend to not expose light colored fabric for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the fabric, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

Velvet Superb

COMPOSITION: 100% PES FR MARTINDALE: 25.000 cycles

FIRE RESISTANCE:

RESISTENZA AL FUOCO - FIRE RESISTANCE

UNI 8456 – 9174 classe 1 UNI 9175 classe 1IM

EN 1021-1 EN 1021-2

BS 5852 crib 5

DIN 4102 B1

NF P 92 503-507 M1 IMO FTP CODE 2010

Superb velvet is fire-resistant, of high quality and beauty. Its surface is made of a thick yet soft coat, in Trevira® polyester. The slightly matt look is suitable for any style, whether classic or contemporary.

#### **CLEANING AND MAINTENANCE**

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue

of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach. These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the velvet, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

#### Secret faux leather

COMPOSITION: 76% PVC - 2% PU 22% PES

MARTINDALE: 100.000 cycles

FIRE RESISTANCE: UNI 9175 classe 1IM EN 1021-1 EN 1021-2 BS 5852-1 cigarette test BS 5852-1 match test TB 117:2013

Secret is the Flukso® fireproof coating with a soft hand, similar to that of real leather. Secret has been designed to create soft upholstery for interiors. Its

elastic rear structure in polyester allows it to adapt to the new geometries of furniture, ensuring resistance and durability over time.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue

of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the faux leather, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot

and the other are to be considered normal.

# **Materials Certifications**

#### Vintage faux leather

COMPOSITION: 80% PVC; 2% PU; 18% PES

MARTINDALE: 50'000 cycles

FIRE RESISTANCE:

UNI 9175 classe 1IM

EN 1021-1

EN 1021-2

BS 5852-1 cigarette test

BS 5852-1 match test

Vintage is the faux leather by Flukso, a fire-resistant coated fabric in 'cloud effect' refined colours, created to dress upholstered furniture with timeless elegance.

The fabric surface is made using a microscopic texture which makes it similar to natural leather to the touch. Vintage features a special mesh fabric construction,

slightly elastic, that makes it easily adaptable to the new modern shapes of upholstered furniture and guarantees long life. Soft, enveloping and fire resistant,

this fabric adapts to contract or residential spaces.

#### CLEANING AND MAINTENANCE

Regular cleaning is important to extend the life of the coating, and keep its appearance unchanged. Dust and dirt can wear out the coating and damage the fire protection.

REGULAR CLEANING: vacuum frequently at a power equal to half the device in use, choosing a smooth spout, without brushing.

STAIN REMOVAL: in case of slight stains, promptly clean the surface. Remove excess liquids or hard parts of dirt with a clean cloth, then proceed on the residue of the stain with a damp cloth or a neutral soap solution. Remove the stain starting from the edge of the stain moving towards the center of it, then rinse with water. Let dry, avoiding direct exposure to sunlight. For localized and more persistent stains, promptly dissolve the stain with colorless ethyl alcohol diluted in 20% water, gently rub and then treat with a neutral soap solution, then rinse well. Do not use bleach.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized

in upholstered products cleaning.

We recommend to not expose light colored coating for a prolonged time to garments treated with colors with poor dyeing fastness, as the color pigments could penetrate the surface of the faux leather, without being able to be removed.

We recommend to always test the cleaning method on a hidden part of the item to check the color resistance.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

Fiore leather

COMPOSITION: 100% leather

FIRE RESISTANCE: CAL TB-117 (2013, Sec. 1) BS 5852:1979 BS EN 1021-1-2:2006

Fiore leather is a natural product and this is why it can show signs such as wrinkles, veining and scars that indicate the animal origin of the product. These signs, together with slightly color differences, are distinctive elements that enhance its beauty and distinguish it from faux leather or other artificial products. Fiore

is a bovine leather from animals of European origin, finished with water-based dyeing with resins and

pigments. Fiore leather has the ability of improving with time and use, both in softness and shine.

Dust the leather product regularly with a soft and dry cloth. In case of stains, rub the affected area with a soft and clean cloth, moistened with water or to use a light solution of water and mild soap, to be applied gently with a wet cloth. Move the cloth in a circular direction, starting from edges of the stain towards the center. Rinse well with a damp cloth. Dry immediately after treatment. Avoid direct sunlight and exposure to heat sources

We recommend that you always test the cleaning method on a hidden part of the item to check the resistance of the color.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

#### Vintage leather

FIRE RESISTANCE: BS 5852 : 1979 BS EN 1021-1-2 : 2006

B3 EN 1021-1-2 . 2006

Vintage leather is a natural product and this is why it can show signs such as wrinkles, veining and scars that indicate the animal origin of the product. These signs,

together with slightly color differences, are distinctive elements that enhance its beauty and distinguish it from faux leather or other artificial products. Vintage

is a bovine leather from animals of European origin. This product is obtained starting from Nabuck leather, which is slightly equalized with aniline, and hand abraded

to give an aged effect. The hand is very warm and silky.

#### CLEANING AND MAINTENANCE

Dust the leather product regularly with a soft and dry cloth. In case of stains, rub the affected area with a soft and clean cloth, moistened with water or use a light solution of water and mild soap, to be applied gently with a wet cloth. Move the cloth in a circular direction, starting from edges of the stain towards the center. Rinse well with a damp cloth. Dry immediately after treatment. Avoid direct sunlight and exposure to heat sources.

We recommend that you always test the cleaning method on a hidden part of the item to check the resistance of the color.

These tips are cleaning recommendations and do not guarantee complete stain removal. In case of large stains, we recommend contacting an operator specialized in upholstered products cleaning.

Colour samples are to be considered approximate for each product. Slight color differences between a lot and the other are to be considered normal.

# **Materials Certifications**

# **Tessuto Oceanic**

MARTINDALE: 135.000 cycles

COMPOSITION: 100% post-consumer recycled polyester, including 50% SEAQUAL yarn

FIRE RESISTANCE:

California Technical Bulletin 117 - 2013

BS 7176 Low Hazard

BS 7176 Medium Hazard with EnviroFlam5 ASTM E84 Class 1 or A (Un-adhered)

ENVIRONMENTAL:

Certified to OEKO-TEX® Standard 100 Certified to Indoor Advantage™ "Gold"

Made from 100% post-consumer recycled polyester

Non metallic dyestuffs

#### FEATURES:

Oceanic is a fabric born from the desire to combat marine plastic pollution and achieve a waste free environment. Hence the name "Oceanic": the fabric is created entirely from post-consumer recycled plastic - from debris floating discarded in our seas, to bottles thrown away and destined for landfill. One small drop in the mission to clean both the earth and its ocean, this contemporary fabric is a recycled polyester with a purpose: to be more sustainable for our planet.

#### MAINTENANCE:

Vacuum regularly. If it is necessary to remove the stain from the fabric, proceed wipe with a damp cloth using neutral soap and water or use proprietary upholstery shampoo. For deeper cleaning use steam or professionally dry clean. Always test your chosen cleaning method on a hidden corner of the product to check the color fastness.

# **Materials Certifications**

#### Manhattan fabric

MARTINDALE: 25.000 cycles

COMPOSITION: 26% PL, 37% PO, 21% CO, 16% LI

#### PROPRIETIES AND ADVANTAGES

The Manhattan fabric features a subtle woven structure that gives it a unique dynamic look. The mixed filaments of cotton and polyester guarantee a soft, warm and vibrant look with tone-on-tone colors.

#### **MAINTENANCE**

Vacuum regularly. If it is necessary to remove the stain from the fabric, proceed wipe with a damp cloth using neutral soap and water or use proprietary upholstery shampoo. For deeper cleaning use a professionally dry clean. Always test your chosen cleaning method on a hidden corner of the product to check the color fastness.

# **Materials Certifications**

#### Yoredale fabric

MARTINDALE: 80.000 cycles

COMPOSITION: 95% Wool, 3% Polyester, 2% Polyamide

FIRE RESISTANCE:

EN 1021 - 1&2 (cigarette & match)

BS 7176 Low Hazard

ÖNORM B 3825 & A 3800-1 (58kg/m3 CMHR Foam)

UNI 9175 Classe 1 IM

BS 5852 Ignition Source 5 when FR treated BS 7176 Medium Hazard when FR treated The Furniture and Furnishing (Fire) (Safety) Regulations 1988 (Domestic Cigarette and Match)

IMO FTP Code (Part 8)

# ENVIRONMENTAL:

Certified to Indoor Advantage™ "Gold"

Non metallic dyestuffs

#### **FEATURES**

Taking its name from the ancient title of Wensleydale in the UK, Yoredale is a fabric steeped in heritage. A highly textured textile with undulations reflective of its Yorkshire roots, its fascinating bouclé style yarn includes a contrasting black binder, creating subtle details within the weave that brings added depth to its saturated tones. Woven from British wool, Yoredale is truly timeless, blending its rich history with a contemporary appeal.

# MAINTENANCE

Vacuum regularly. If it is necessary to remove the stain from the fabric, proceed wipe with a damp cloth using neutral soap and water or use proprietary upholstery shampoo. For deeper cleaning use steam or professionally dry clean. Always test your chosen cleaning method on a hidden corner of the product to check the color fastness.