

Wire Chair

Charles & Ray Eames, 1951



vitra.

Wire Chair

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Steel wire had proven itself in various bases developed by Charles and Ray Eames for the fiberglass seat shells and tables. The designer couple then decided to apply the material's filigree transparency and visual lightness paired with a high load-bearing capacity to the shell construction itself. An orthogonal structure,

the spot-welding technique and the binding of the wires along the outer edge between two stronger wires yielded a stable and robust shell form.

The use of a single material gives the Wire Chair its unified appearance.

Wire Chair

Charles & Ray Eames, 1951



Designed by Charles and Ray Eames out of welded steel wire, the Wire Chair is a variation on the theme of the organically shaped one-piece seat shell, pairing transparent lightness with technological sophistication. The shell can be joined with a variety of different bases. The Wire Chair is available without upholstery, with a seat cushion or with a two-piece seat and back cushion known as the ‚Bikini‘ pad due to its shape.

The Wire Chairs have a powder-coated finish; some models are also available in a chrome-plated version. DKR and DKX models with a powder-coated finish are suited for both indoor and outdoor use.

In 2016, Vitra added roughly 20 mm to the base height of the Wire Chairs while adapting the seat geometry accordingly. These revisions, which are aesthetically almost imperceptible, increase the comfort of this classic chair design, especially in combination with contemporary tables.

Materials

- **Upholstery:** unupholstered, with seat cushion or with seat and back pad. Seat and back pads can be removed and reattached; available in Hopsak fabric or leather. For the back pad in leather, the rear is always covered in Plano fabric, except for the version in leather snow, which is used on both the front and back.

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Wire Chairs

Overview of models

Wood Base



Wire Chair
DKW



Wire Chair
DKW S



Wire Chair
DKW 2

Rod Base



Wire Chair
DKR



Wire Chair
DKR S



Wire Chair
DKR 2



Wire Chair
LKR



Wire Chair
LKR 5



Wire Chair
LKR 2

Tube Base



Wire Chair
DKX



Wire Chair
DKX 5



Wire Chair
DKX 2



Wire Chair
Stool Medium



Wire Chair
Stool Medium



Wire Chair
Stool High



Wire Chair
Stool High



Dining

The seat height of the Wire Chair has been adapted to today's requirements, making it ideally suited for use around contemporary dining tables. Thanks to a multitude of possible configurations – with bases in wood or metal finished in chrome or powder coating, and cushions in a wide range of colour options – the perfect Wire Chair can be found for every setting.

Restaurants

Due to the robust quality of the Wire Chair in all its different versions, it not only provides ideal seating options for the home, but also for restaurants, canteens and cafeterias.

Materials

- **DKX:** Dining Height K-Wire Shell X-Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** four-legged tubular steel base, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKR:** Dining Height K-Wire Shell Rod Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.

 **DKX & DKR, Outdoor use**

unupholstered version with powder-coated base suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

- **DKW:** Dining Height K-Wire Shell Wood-Base
- **Seat shell:** bent and welded steel wire, powder-coated in basic dark.
- **Base:** solid maple with stained finish, steel rod cross struts. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **Origin of wood:** maple (*Acer platanoides*) from Western Europe and/or Poland.



Public spaces

Thanks to the strong, robust quality of the Wire Chair, which is constructed from premium spot-welded steel wire, it is suited for a wide range of applications in public spaces. This is demonstrated in many existing projects, such as the Wire Chair beam seating in the bus shelter on the Vitra Campus in Weil am Rhein.

Conference and meeting rooms

The iconic Wire Chairs provide an ideal solution for conference venues, meeting areas, media rooms and other spaces in which a unique aesthetic atmosphere is desired.

Materials

- **DKX:** Dining Height K-Wire Shell X-Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** four-legged tubular steel base, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **DKR:** Dining Height K-Wire Shell Rod Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.

 **DKX & LKR, Outdoor use**

unupholstered version with powder-coated base suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.

- **DKW:** Dining Height K-Wire Shell Wood-Base
- **Seat shell:** bent and welded steel wire, powder-coated in basic dark.
- **Base:** solid maple with stained finish, steel rod cross struts. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **Origin of wood:** maple (*Acer platanoides*) from Western Europe and/or Poland.





The Shell Chairs by Charles and Ray Eames are counted among the most important furniture designs of the twentieth century. Made from welded steel wire, the Wire Chair is a variation on the theme of the organically shaped seat shell, embodying transparency and technical sophistication. The four-legged base of the Eames Wire Stools comes in a choice of two heights: medium for standard kitchen counters and high for standing-height tables. The base is equipped with a footrest and has a chrome-plated or black powder-coated finish. The Wire Stools are available either without upholstery, with a seat cushion or with a combined seat and back cushion. The latter is also known as the ‚Bikini‘ pad due to its shape. In the versions without upholstery, the Wire Stools are also suited for outdoor use.

Wire Chair Stool Medium

- **Base:** tubular steel, chrome-plated or powder-coated, non-stackable. Ideal for use at counters and tables 90 to 100 cm in height.

Wire Chair Stool High

- **Base:** tubular steel, chrome-plated or powder-coated, non-stackable. Ideal for use at counters and tables 110 to 120 cm in height.

- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Upholstery:** unupholstered, with seat cushion or with seat and back pad. Seat and back pads can be removed and reattached; available in Hopsak fabric or leather. For the back pad in leather, the rear is always covered in Plano fabric, except for the leather version in the colour snow, which is used on both the front and back.



Wire Chair Stool Medium, Wire Chair Stool High
Outdoor use

unupholstered version with powder-coated base suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.



Wire Chair Stool High Wire Chair Stool High Wire Chair Stool Medium Wire Chair Stool High Wire Chair Stool High Wire Chair Stool Medium



Outdoor

The DKR and DKX models of the Wire Chair in a powder-coated finish, without cushions, are suited for use in outdoor areas and wet zones. Powder-coated versions are available in the colours black or cream. With its light and airy form, the Wire Chair adds an understated yet distinctive accent to naturalistic gardens as well as modern terraces.

Materials

- **DKR:** Dining Height K-Wire Shell Rod Base
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** four-legged base with cross struts, surface finish matched to seat shell. Fitted with plastic glides for carpet; felt glides for hard floors optionally available.
- **LKR:** Lounge Height K-Wire Shell, Rod base.
- **Seat shell:** bent and welded steel wire, chrome-plated or powder-coated.
- **Base:** wire base with cross struts, chrome-plated or powder-coated finish. Surface finish matched to seat shell. Seat height 260 mm.



DKX & DKR, Outdoor use
unupholstered version with powder-coated base suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a dry, sheltered place to ensure lasting use and avoid any deterioration in appearance.



Wire Chair Stool High DKR DKX LKR



Cushions

The Wire Chair can be optionally fitted with a seat cushion or with a combined seat-and-back cushion – also known as the ‘Bikini’ due to its shape.

The cover material of the Bikini pad is available in fabric or leather. The cushions are stretched over the edge of the frame and held snugly in place with an elastic band and simple hook attachments; a button on the back provides an elegant closure.

The shape of the seat cushion is adapted to the geometry of the chair’s shell. Its moulded wood core is padded and covered with fabric or leather.

Covers are available in Hopsak fabric or leather. Hopsak comes in 35 colours; leather is offered in 30 different colours. Plano fabric is used for the reverse side of leather cushions.

A world of colours

In collaboration with Dutch designer Hella Jongerius, Vitra has developed a broad palette of hues for its upholstery materials, allowing countless possible colour combinations.

Materials

- **Upholstery:** unupholstered, with seat cushion or with seat and back pad. Seat and back pads can be removed and reattached; available in Hopsak fabric or leather. For the back pad in leather, the rear is always covered in Plano fabric, except for the version in leather snow, which is used on both the front and back.



Soft Seats

Available in three shapes, the Soft Seats by Vitra are made of a recyclable thermopressed fleece and provide soft comfort on unupholstered chairs –including outdoors with the Soft Seats Outdoor version.

Indoor:

Available in 11 cover fabrics, 2 leather options and numerous colours.

Outdoor:

Available in Simmons cover fabric with a choice of 3 colours.

Please use for the Wire Chair the types B and C.

Soft Seat Outdoor

- **Upholstery:** padding made of polyurethane foam for outdoor use, 2-cm thick (Oeko-Tex).
- **Cover:** quick-drying, antibacterial outdoor fabric, resistant to light, water and mould, with zip fastener (always in black), removable. Cover can be washed at 30 degrees.



Outdoor use: suitable for utilisation outdoors on a temporary or seasonal basis, following care instructions. After prolonged exposure to the elements, clean and store away in a cool, dry place to ensure lasting use and avoid any deterioration in appearance.

- **Note:** always with non-slip fabric on reverse side.





'Vitra's greatest contribution to sustainability is its products with an above-average service life, which omit everything superfluous. Our roots in modern design would allow nothing else.'

Nora Fehlbaum, CEO of Vitra

The close and long-standing collaboration with Charles and Ray Eames has shaped Vitra in significant ways. Carrying on the tradition of thinking espoused by the designer couple, the company places emphasis on the durability and longevity of products as part of its contribution to sustainable development, and avoids stylistic trends. This is most clearly exemplified by the classic designs in Vitra's portfolio, whose lasting functionality and timeless aesthetic keep them up to date and in active use for decades. They retain their value on the secondary market, changing owners and perhaps even ending up in a collection.

To ensure that Vitra products remain in circulation for as long as possible, they are designed in a manner that facilitates their reuse and recycling. Repairs, returns and extended guarantees support their longevity. And used Vitra products are refurbished and put back into circulation in Vitra Circle Stores.

Selected spare parts that can be easily replaced are available in our online shop. These include castors and glides for a broad number of our task chairs and chairs, and suited to different floor types. The spare parts finder at vitra.com/spareparts allows effortless identification of the correct parts for your product. The replacement process is explained step by step in a short video.



For all other replacement parts, please use Find Vitra to locate an authorized dealer near you or contact us directly using the contact form. Please be aware that for safety reasons we cannot offer all available spare parts for direct purchase and delivery to end customers, as some require replacement by trained professionals.



Take-Back-Programme

Vitra launched a Take-Back-Programme in 2019 for its family of Eames Shell Chairs: Eames Fiberglass Chairs, Eames Plastic Chairs and Eames Wire Chairs that are no longer in use can be returned to Vitra – worldwide, regardless of when they were produced. The service is intended for customers who cannot or do not wish to resell or dispose of their product themselves. The returned chairs may consist of still usable or repairable products that can be resold, or heavily damaged products that require correct recycling. If you have any products you wish to return via the Vitra Take-Back-Programme, please write to: circular@vitra.com

Extended warranty



myVitra is a new product platform that allows customers to identify and register selected Vitra products. In three simple steps, customers can activate the extended warranty and gain access to relevant information concerning the product, care instructions, spare parts and complementary products. myVitra can be accessed directly at <https://my.vitra.com>



Vitra Circle Stores



With the Circle Stores, Vitra puts sustainable management principles into practice by giving its products a second life. Since mid-October 2023, a new Circle Store has been located on the Vitra Campus in Weil am Rhein, joining existing sites in Brussels and Amsterdam. Find all Vitra Circle Stores: www.vitracircle.com.



When the pertinent legal and conceptual conditions are met, one can speak of a design original.

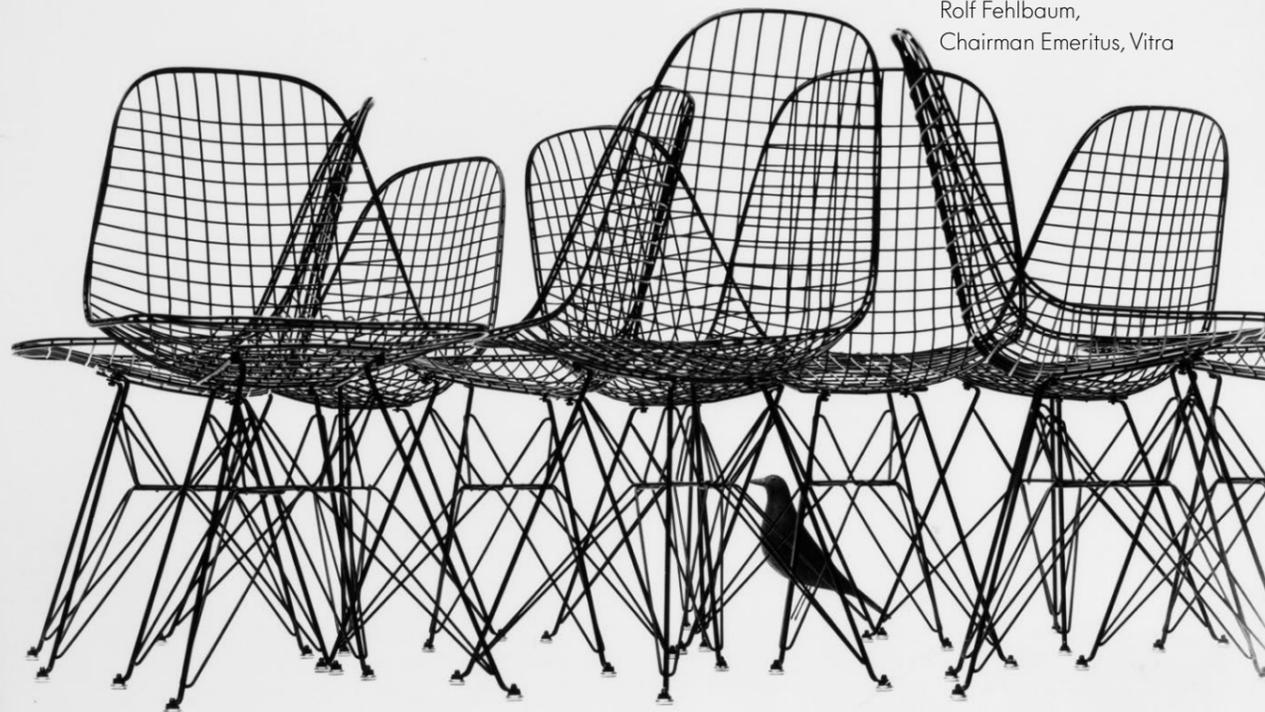
This term means that a design – independent of its production date – was fabricated by the authorised manufacturer in the true spirit of the designer. These factors guarantee its authenticity.

The status of an original is determined by the relationship between the designer (or rightful heirs) and the manufacturer of the designer's products. There is not only a legal component to this relationship, but also an immaterial one based on shared ideals and collaboration.

For any product to be designated as an 'original', the designer must have given the manufacturer the authorisation to produce it. Anyone who produces a design without legal permission is appropriating property that belongs to someone else. This applies not only to the manufacturer, but also to the consumer who buys an unlicensed product.

Equally important is the creative connection between the designer and manufacturer. It is evident in their close cooperation at every step of the production process. Because the plagiarist does not have this relationship, there is always uncertainty about the degree to which the copy deviates from the original idea, whether for reasons of ignorance, carelessness or cost reduction.

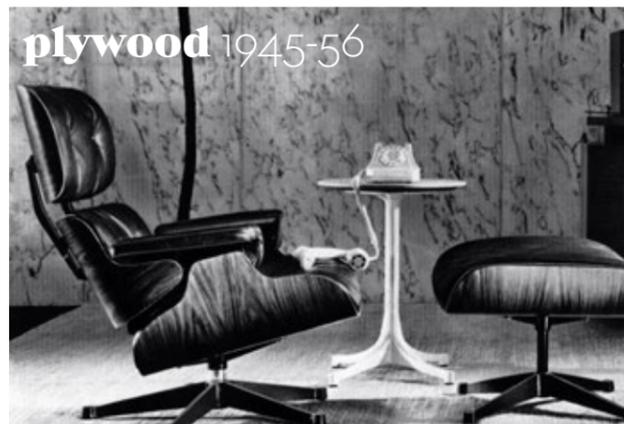
Rolf Fehlbaum,
Chairman Emeritus, Vitra



wire 1951



plastic 1948-61



plywood 1945-56



Authenticity

In close cooperation with the Eames Office, which represents Charles & Ray Eames' family, Vitra guarantees that each Wire Chair gives the exact design experience of comfort, aesthetics and quality that Charles & Ray Eames intended for the user – a feeling that only the original can offer.



Eames Demetrios



aluminium 1958-69

Cover materials

Hopsak Medium Use, F60



Hopsak is an expressive, flat plain-weave fabric made of polyamide. The duotone colours offer a multitude of design possibilities in high-contrast, brightly hued or subtle combinations of warp and weft threads. Highly durable and robust, Hopsak can be used in private interiors as well as public areas.

Hopsak is available in 35 colours.



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Material	100% polyamide
Weight	550 g/m ² (16.2 oz/y ²)
Width	127 cm +/- 2 cm (50")
Abrasion resistance	200,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet

Checker Residential use, F200



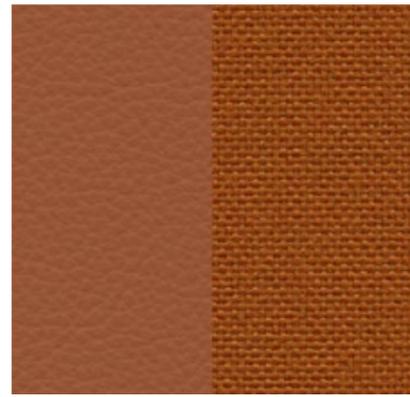
The soft double weave fabric, with a high percentage of cotton, demonstrates exceptional purity of colour and its geometric pattern lends a striking note to any environment.

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Material	77% cotton, 23% polyester
Weight	467 g/m ² (13.8 oz/y ²)
Width	140 cm (55")
Abrasion resistance	20,000 Martindale
Fastness to light	Type 6
Pilling	Grade 4-5
Fastness to rubbing	Grade 4-5 dry and wet



Leather Heavy use, L20



The standard grade leather used by Vitra is a robust cowhide leather, dyed-through, pigmented and embossed with an even grain pattern. Since it is hard-wearing and easy to maintain, it can also be used in office environments.

Leather is available in 16 colours.

Leather/back panel Plano



Leather/back panel Leather



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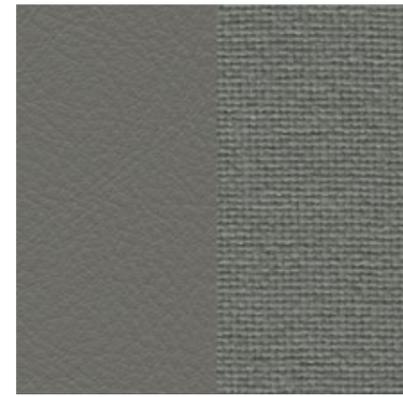
Material Robust cowhide with a distinctive, even grain

Fastness to light Type 6

Thickness 1.1–1.3 mm

Fastness to rubbing Grade 4 dry and wet

Leather Premium F Medium Use, L50



Leather Premium F is a relatively smooth cowhide leather with a flat grain and fine top sheen. It is dyed-through, lightly pigmented and processed with a tanning agent extracted from olive tree leaves (a waste product of the olive harvest).

Leather Premium F is available in 22 colours.

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Material Semi-aniline nappa leather with a very soft and supple feel, vegetable tanned

Fastness to light Type 5

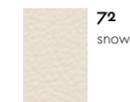
Thickness 1.1–1.3 mm

Fastness to rubbing Grade 4 dry and wet

Leather Premium F/back panel Plano



Leather Premium F/back panel Leather Premium F



Surfaces and colours

	01 chrome		04 white powder-coated (smooth)		92 citron powder-coated (smooth)		93 sky blue powder-coated (smooth)		24 dark green powder-coated (smooth)		31 Eames Sea Foam Green powder-coated (smooth)		30 basic dark powder-coated (smooth)
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Seat and base
(Wire Chair DKR,
LKR)

Seat and base
(Wire Chair DKR,
LKR Outdoor)

	01 chrome		04 white powder-coated (smooth)		30 basic dark powder-coated (smooth)
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Seat and base
(Wire Chair DKX)

Seat and base (Wire
Chair DKX Outdoor)

	02 golden maple		95 dark maple		30 basic dark powder-coated (smooth)		30 black maple
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Seat (Wire Chair
DKW)

Base (DKW)

vitra.

Dimensions

(in accordance with EN 1335-1:2000)

vitra.



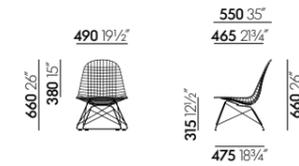
Wire Chair DKX



Wire Chair DKR



Wire Chair DKW



Wire Chair LKR



Wire Stool Medium



Wire Stool High

