

papilio



KUSCH+CO



Experience the best possible comfort. This ergonomic task chair series encourages you to dynamically vary your postures. The clean lines are the hallmarks of this series' industrial design language. The constructive elements double as design features. Available in many variations geared towards a plethora of working environments, functionally complemented by visitor chairs.



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Design by Justus Kolberg

After having studied industrial design in Kiel, he started for Italian design studios. Upon his return to Germany, he designed several successful seating series for Wiege Entwicklungsgesellschaft. He is a freelancer since 1997. Many internationally renowned furniture manufacturers value his intelligent designs. As does Kusch+Co by giving him the opportunity to develop his special passion for contract seating.





Variations

Papilio office swivel chair

Whether in the office or in a conference room, Papilio always provides the best possible comfort. The swivel chairs come with an upholstered backrest available in two heights or with a high mesh backrest. Optionally additionally with 2D or 3D armrests.



Papilio office swivel chair with enhanced hygienic properties

The ergonomic office swivel chair for wherever the highest demands are made on cleanliness and hygiene. Easy to keep clean. Non-porous metal or plastic surfaces so that viruses, germs and moulds have virtually no chance to adhere. Upholstery robust, impermeable to liquids and resistant to disinfectants.

kuschmed®
HYGIENIC-LINE



More information about the kuschmed® Hygienic-Line in the Solutions section.

Papilio counter chair

The high variation of the swivel chairs featuring a chrome footrest are ideally suited for workstations where customers must be addressed at eye level. Available with a medium-high upholstered backrest. Optionally additionally with 2D or 3D armrests.



Papilio visitor chair

The cantilevers, characterised by clean lines and optimum ergonomics, are ideally cut out for use in waiting areas and conference rooms. The stackable chairs feature a generously sized upholstered backrest as well as elegantly arched armrests.



Papilio visitor chair

The variations in the design of the backrest allow this cantilever chair to fit into any interior. Chair with mesh backrest or plastic backrest with an upholstered pad and with or without armrests. Stackable in each version.



Variations

Papilio office swivel chair



Medium-high upholstered backrest

PAPILIO SWIVEL CHAIR UPH

High upholstered backrest

PAPILIO SWIVEL CHAIR HB UPH

High mesh backrest

PAPILIO SWIVEL CHAIR HB MESH

Papilio office swivel chair with enhanced hygienic properties

kuschmed®
HYGIENIC-LINE



High upholstered backrest

PAPILIO SWIVEL CHAIR HYG HB UPH

Papilio counter chair



Medium-high upholstered backrest

PAPILIO SWIVEL CHAIR COUNTER UPH

Papilio visitor chair



Upholstered backrest

PAPILIO FRAME CHAIR CFA UPH



Mesh backrest

PAPILIO FRAME CHAIR CF MESH



PAPILIO FRAME CHAIR CFA MESH



Plastic backrest, upholstered backrest pad

PAPILIO FRAME CHAIR CF UPH/P



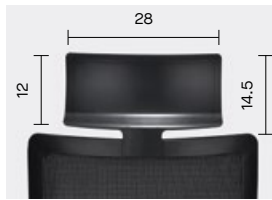
PAPILIO FRAME CHAIR CFA UPH/P

Product data

Papilio office swivel chair / office swivel chair with enhanced hygienic properties

Accessories

- Adjustable seat inclination/forward tilt
- Lumbar support, pneumatic (for high upholstered backrest)
- Lumbar support, continuously depth adjustable by 2 cm, height adjustable by 10 cm, size 34 × 11.5 cm, height above seat in middle position amounts to 19 cm (for mesh back)
- Black plastic head support with upholstered pad, fabric material as well as upholstery, or with black soft polyurethane pad (not available for medium-high upholstered backrest)
- Castors for soft floors
- Castors for hard floors



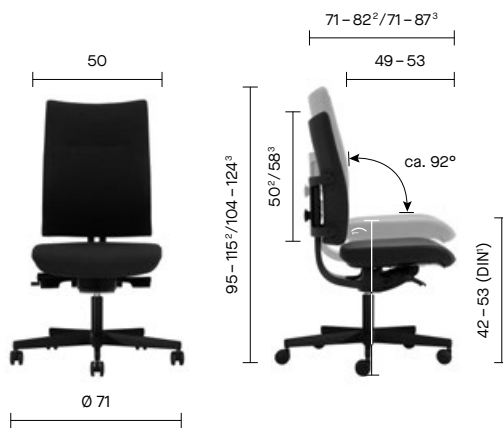
¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

² Medium-high upholstered backrest

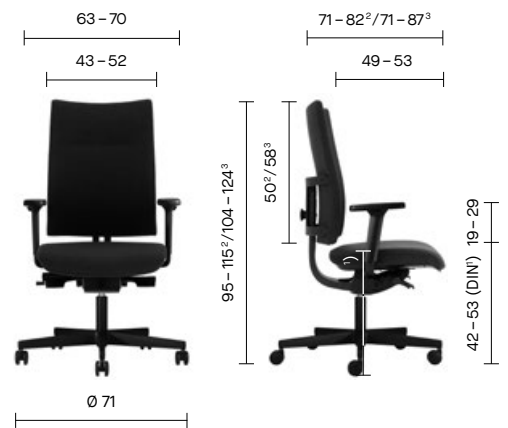
³ High upholstered backrest

Dimensions in cm

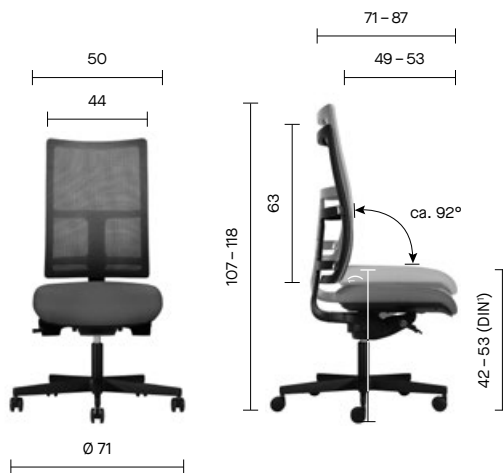
Papilio office swivel chair / office swivel chair with enhanced hygienic properties



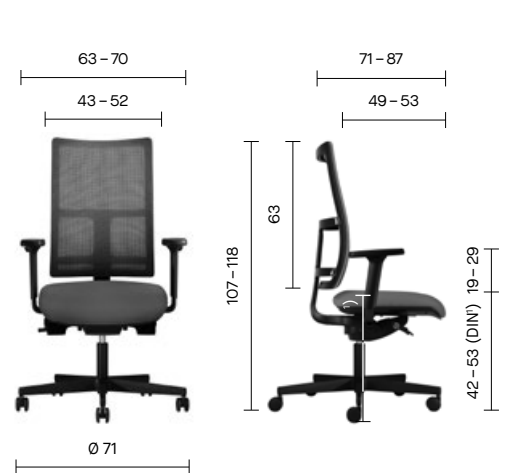
Weight: 18.5 – 19.0 kg depending on model



Weight: 18.5 – 19.0 kg depending on model



Weight: 16.5 kg



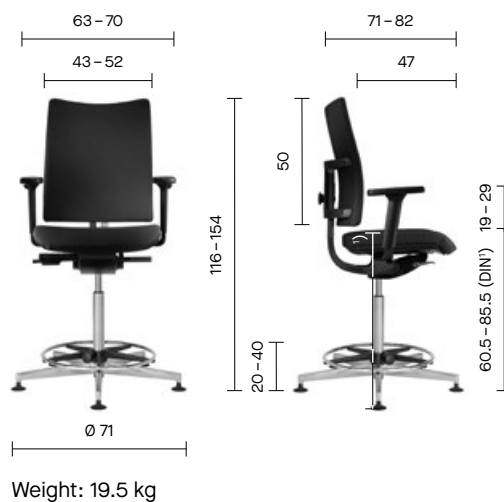
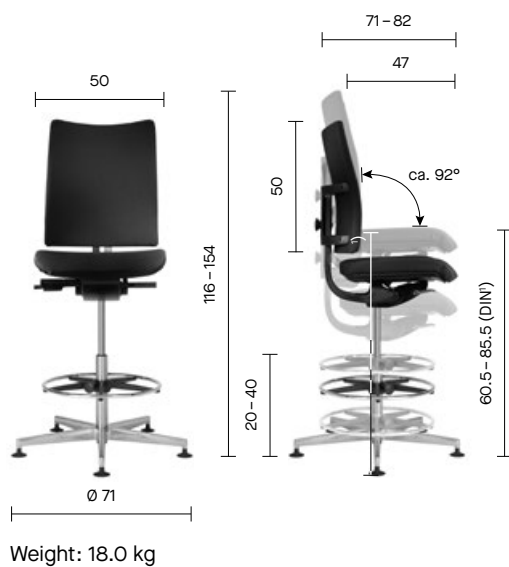
Weight: 16.5 kg

Product data

Papilio counter chair

Accessories

- Adjustable seat inclination/forward tilt
- Footring chromed, plastic parts black, height adjustable, Ø 60 cm
- Plastic glides
- Plastic glides with felt



¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

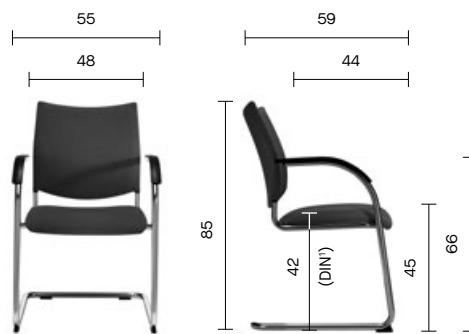
Papilio visitor chair

Accessories

- Plastic glides
- Plastic glides with felt
- Protect glides



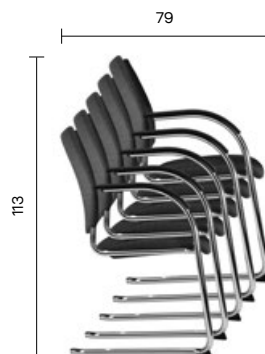
PAPILIO FRAME CHAIR CFA UPH



Weight: 10,5 kg

Stackability

- Stackable on dolly CART KU 2: 5 units
- Stackable on dolly CART KU 3: 5 units
- Stackable on dolly CART KU 4: 5 units
- Stacks of max. 5 units on a straight surface
- Height plus 7 cm per stacking chair with armrests
- Depth plus 5 cm per stacking chair with armrests



Product data

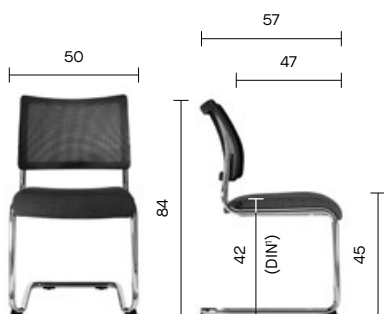
Papilio visitor chair

Accessories

- Plastic glides
- Plastic glides with felt
- Protect glides

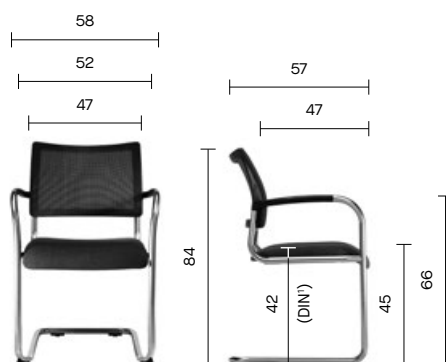


PAPILIO FRAME CHAIR CF MESH



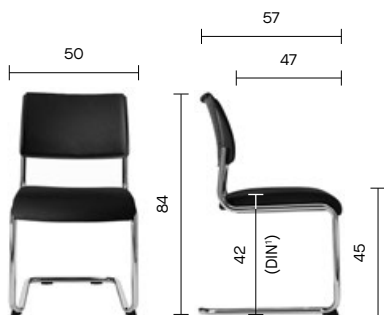
Weight: 8.5 kg

PAPILIO FRAME CHAIR CFA MESH



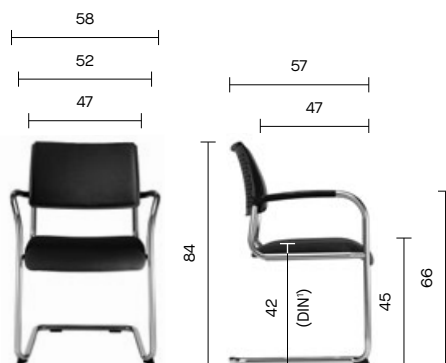
Weight: 10.0 kg

PAPILIO FRAME CHAIR CF UPH/P



Weight: 9.0 kg

PAPILIO FRAME CHAIR CFA UPH/P



Weight: 10.5 kg

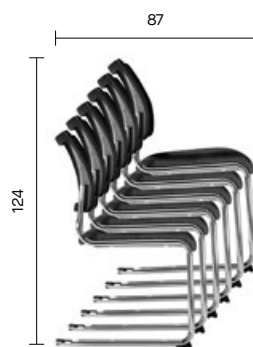
¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

Papilio visitor chair

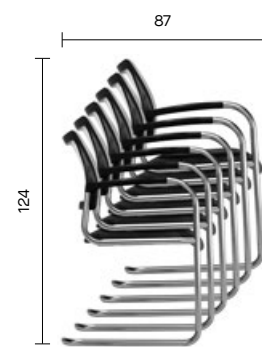
Stackability

- Stackable on dolly CART KU 2: 6 units
- Stackable on dolly CART KU 3: 6 units
- Stackable on dolly CART KU 4: 6 units
- Stacks of max. 6 units on a straight surface
- Height plus 8 cm per stacking chair/
chair with armrests
- Depth plus 6 cm per stacking chair/
chair with armrests
- Mixed stacks of chairs and chairs with
armrests possible

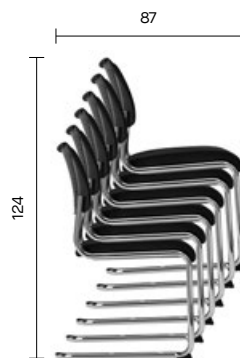
PAPILIO FRAME CHAIR CF MESH



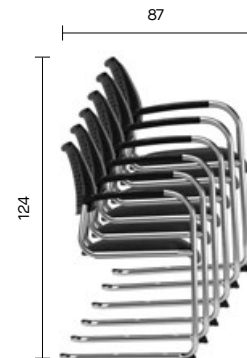
PAPILIO FRAME CHAIR CFA MESH



PAPILIO FRAME CHAIR CF UPH/P



PAPILIO FRAME CHAIR CFA UPH/P



Ergonomics

Healthy comfort

As standard, the swivel chairs feature a dual synchronized mechanism as well as a seat height, seat depth and forward tilt adjustment, promoting a dynamic posture and keeping the user from adopting a permanent incorrect posture. The variations with an upholstered backrest feature an adaptable seat depth.

The ergonomic motion sequence of the dual synchronized mechanism closely approximates the ideal of the kinematic equilibrium. The entire seat curves backwards and down-

wards in an arch. The seat and the backrest move relative to each other at a tilt ratio of 1:2.7. Seat and backrest support the user in his every move or change of posture, ranging from upright sitting in front of the PC monitor to leaning back in a more relaxed posture. The supporting spring force exerted by the backrest increases proportionally.

The ergonomically shaped backrest provides more "elbow room" to the shoulder blades and leaves more room for the arm muscles

to stay in motion. As a result, it is easier for the user to turn sideways, for instance to take a ring binder out of the filing cabinet. The upper body remains supported by the flexible frame construction and the mesh back.

Options such as height, depth and width adjustable and swivelling armrests offer additional ergonomic advantages. The same goes for the headrest as well as the adjustable resp. pneumatic lumbar support for the high back, depending on the variation.

Papilio office swivel chair

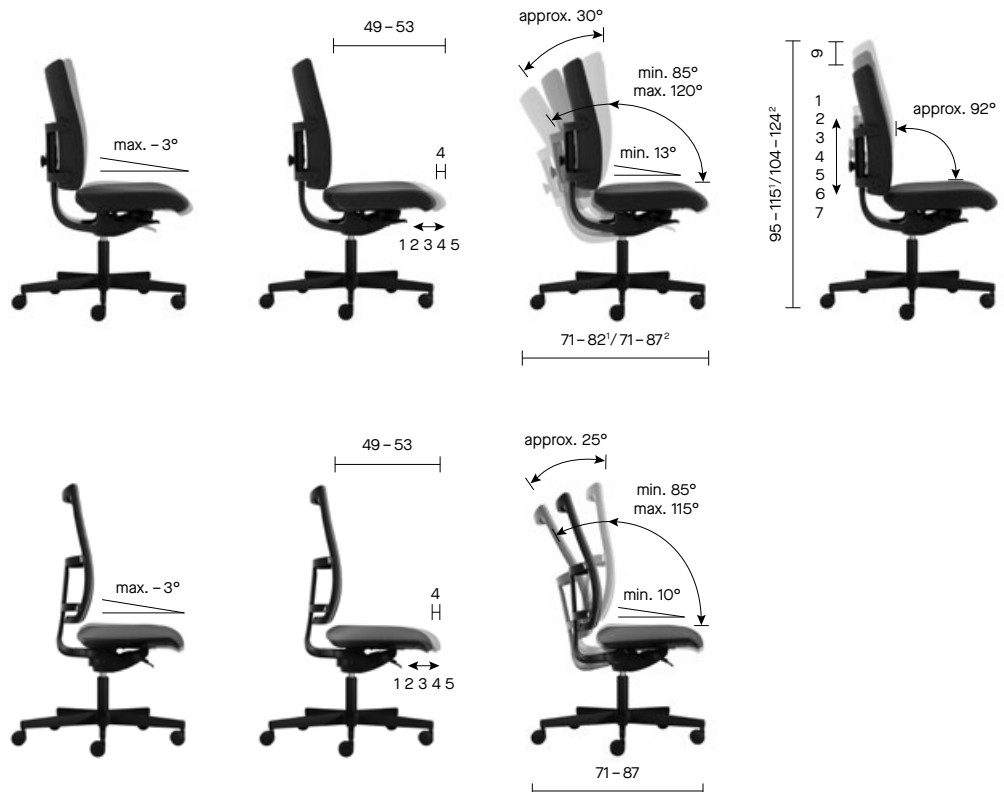
Seat

- Anatomically shaped seat
- Ergonomically shaped leg support
- Gas action capable of carrying a body weight up to 130 kg
- Comfort gas action with permanent depth cushioning

- Adjustable forward tilt by -3°
- Seat depth adjustment by 4 cm in 5 positions

Backrest

- Dual synchronized mechanism
- Medium-high or high upholstered backrest with ergonomic moulded part made of polypropylene, height adjustable in 7 positions
- High mesh backrest frame made of glass fibre reinforced polyamide



¹ Medium-high upholstered backrest
² High upholstered backrest

Dimensions in cm

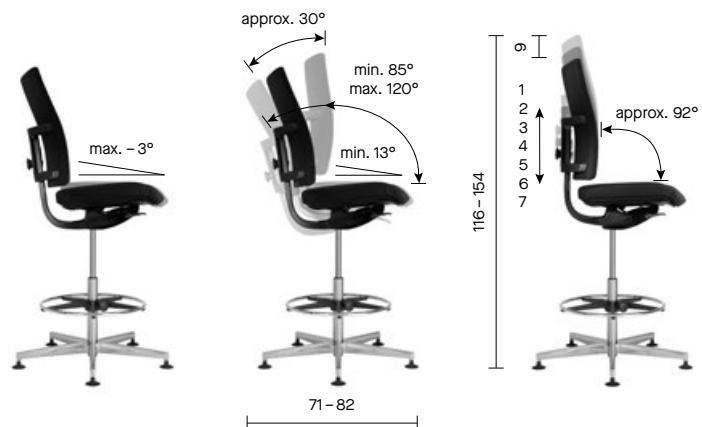
Papilio counter chair

Seat

- Anatomically shaped seat
- Ergonomically shaped leg support
- Gas action capable of carrying a body weight up to 130 kg
- Comfort gas action with permanent depth cushioning
- Adjustable forward tilt by -3°

Backrest

- Dual synchronized mechanism
- Medium-high or high upholstered backrest with ergonomic moulded part made of polypropylene, height adjustable in 7 positions



Papilio office swivel chair / counter chair

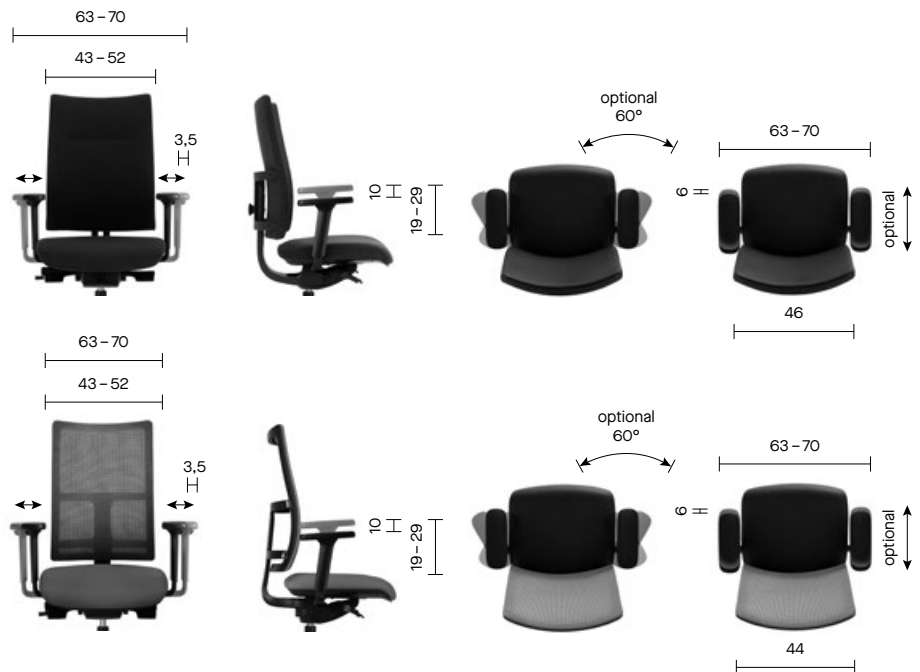
Armrests



2D arms with black PU pads, black plastic supports



3D arms with black PU pads, black plastic supports



Handling

Nearly all the operating elements, including those of the dual synchronised mechanism, are easily accessible without the need of having to get up. The backrest counterpressure can be individually adjusted to the body weight and to the user's personal liking by means of a

smooth-running turning handle. With a range of 40 rotations, the counterpressure can be adjusted to a body weight between 40 and 120 kg. The turning handle as well as the locking lever are within easy reach.

Materials

Modular assembly groups

The modular construction principle makes it possible to build many different variations, or to exchange individual parts or assembly groups.

Cost-effective and resource-friendly at the same time. All components can be dismantled for recycling at the end of the product's life cycle.

Papilio office swivel chair/counter chair

Seat, backrest

- Black plastic seat base and backrest frame
- Upholstered seat/backrest
- Optional upholstered seat without side drops/upholstered backrest (only fabrics Xtreme and Urban)
- Black plastic backrest support (mesh back, for office swivel chair)
- Mesh backrest with black mesh back or fabric Harlequin™ (for office swivel chair, also available as seat cover), upholstered seat

- Standard foam
- Optional seat with flame retardant foam resp. with flame retardant foam and fireproof fabric (for models with mesh back)

Frame

- Base black polyamide, aluminium powder coated in black colour or polished aluminium with chrome effect

Armrests

- 2D armrests with black PU pads, black plastic supports
- 3D armrests with black PU pads, black plastic supports

Variations kuschmed® Hygienic-Line

Like office swivel chair, but:

- Seat upholstered (seamless upholstery), with additional protective profile, backrest upholstered, fabric skai® Parotega NF
- Base black polyamide

Papilio visitor chair

Seat

- Upholstered seat
- Standard foam
- Optional available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric

Upholstered backrest

- Upholstered backrest
- Optional upholstered seat without side drops/upholstered backrest (only fabrics Xtreme and Urban)
- Standard foam
- Optional available with upholstery with flame retardant foam resp. flame-retardant foam and fireproof fabric

Mesh backrest

- Black plastic backrest frame
- Black mesh back or fabric Harlequin™ (also available as seat cover)

Plastic backrest

- Black plastic backrest with perforated pattern, with upholstered pad
- Standard foam
- Optional available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric

Frame, armrests

- Powder coated, chromed or satin chromed steel frame
- Black plastic armrests

Harlequin™ by Gabriel (3D Net Textile)



HQ60126



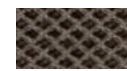
HQ66058



HQ60166



HQ61188



HQ61152



HQ60999



Mesh back by k&r



KR.4716.10
black

Depending on the environment, contract seating has to be able to fulfil very specific requirements. Interior designers and planners sometimes have to clear difficult hurdles: such as exacting fire prevention or hygiene regulations. Kusch+Co has worked out individual solutions:

Fire Prevention

Upholstery

The upholstery is optionally available with flame retardant foam. In addition, it is available with the Kusch+Co Fire Prevention Concept, consisting of a special fabric “flamline” (approved by the building authorities and A2 nonflammable according to DIN 4102) between the upholstery foam and the fabric.

This concept achieves four life-saving objectives. The seating:

- is self-extinguishing,
- reduces the smoke development,
- prevents an incipient fire from spreading out,
- does not turn into an additional ignition source.

Test reports in compliance with national and international standards document the laboratory fire tests conducted on different series finished with a wide variety of materials.

With regard to the upholstery, e.g. with leather, artificial leather as well as many textile fabrics, or to our unupholstered variations featuring a plywood, laminated or plastic seat shell, most of our series meet the following standards:

- Germany: DIN 66084 P-a
- France: NF D 60-013
- Great Britain: BS 5852 Crib 5
- Italy: UNI 9176
- Europe: EN 1021 part 1/2

Please contact us if you wish to receive the test reports.

Hygiene

kuschmed® Hygienic-Line

Products from the kuschmed® Hygienic-Line provide an unfavourable breeding ground for bacteria, germs, and mildew. For this purpose, this range is conceived without open-pored veneers, slits in the backrest, improper upholstery, finger traps, open frames, felt glides, or materials that degrade upon contact with disinfectants.

Only fabrics with specific properties, e.g. hygienically impervious fabrics as well as water- and dirt-repellent finishes, qualify for this product line. Fabrics made of nano-coated fibres as well as disinfectant-compatible fabrics are also used.

The surfaces have to be smooth and pore-free, impervious to liquids and germs, and growth-inhibiting for bacteria. All wooden surfaces are entirely sealed with a special high-density, pore-free and disinfectant-resistant lacquer with antibacterial properties. Metal surfaces are sealed with a chrome finish or with a silver-bearing, anti-bacterial powder coating. The silver ions within the coating are activated upon contact with bacterial colonies, diffusing at the surface, denaturing the cell walls of the bacteria, and thus inhibiting their growth.

kuschmed®
HYGIENIC-LINE

Please contact us to receive further information.

Quality

Excerpt

Our environmental and quality management systems are certified acc. to DIN EN ISO 14001:2015 and to DIN EN ISO 9001:2015. External audits as well as our in-house laboratory safeguard our quality level.

All variations of series Papilio meet the requirements with regard to stability, static and dynamic load as well as strength and durability in compliance with the current European Directives, standards and regulations.

On top of this, we test most of our contract seating with higher loads and cycles. On request, we conduct individual tests acc. to the customer's specifications.

We are certified in compliance with DIN EN ISO 9001:2015. In our own laboratory, we test our products before their market launch whether they comply with the normative requirements applicable to contract seating, swivel chairs, and tables, and issue a Declaration of Conformity.

We happily make these Declarations of Conformity as well as our brochure "Mission Statement Quality" providing detailed information on our test procedures available to you – please contact us.



PAPILIO FRAME
CHAIR CFA UPH



How we test our seating

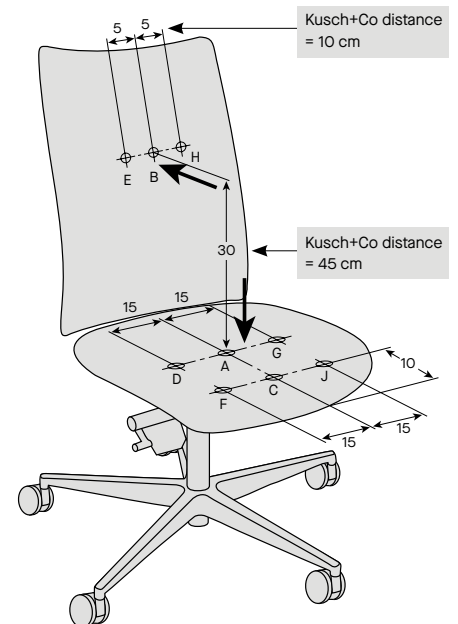
Test in compliance with DIN EN 1335-3:2009

Our tests exceeds the recommended number of test cycles stipulated in DIN EN 1335-3:2009.

Test procedure

We always test the chairs and armchairs in their least favourable position in order to detect possible flaws. The chair's/armchair's upper part is turned and fixed in such a position that the seat is perpendicular to the one of the prongs.

The force has to be directed vertically onto the seat. The backrest forces have to be applied in an angle of $90^\circ \pm 10^\circ$ to the backrest, under full load. The backrest's inclination has to be fixed in order to test the fixed backrest under full force application. Both seat and backrest have to be tested as specified in the chart.



Force application points on seat and backrest (dimensions in cm)

Sequence of tests, force application and cycles on the seat and backrest

Step	Sequence	Force application point	Force in kg		Number of cycles	
			DIN	Kusch + Co	DIN	Kusch + Co
1	A	A	150	150	120,000	120,000
2	C – B	C B	120 32	120 35	in alternation 80,000	in alternation 240,000
3	J – E	J E	120 32	120 35	in alternation 20,000	in alternation 60,000
4	F – H	F H	120 32	120 35	in alternation 20,000	in alternation 60,000
5	D – G	D G	110 110	110 110	in alternation 20,000	in alternation 20,000

Each test has to be successful before the next test is carried out on the same chair. The same chair is used for all other tests, such as stability etc. These tests are an integral part of our test procedure.

Sustainability

Excerpt

Kusch+Co products stand for long life cycles and optimum recyclability. From the first design drafts of a new product, we take all environmental-relevant components and production processes into consideration, ranging from the materials selection and the

design all the way to the manufacturing processes which also contribute towards our sustainable energy balance.



References

Excerpt

Austria

- City Hall St. Pölten
- HDI Versicherung AG, Vienna
- Ricoh Austria GmbH, Vienna
- University of Applied Sciences Vienna
- Vienna International Airport – JET Lounge

Belgium

- Public Centre for Social Welfare Arendonk
- Residential care and nursing home Sint-Elisabeth, Ostend

Denmark

- Capgemini Sogeti Danmark A/S, Vallensbæk Strand

Egypt

- Cairo International Airport

France

- Viessmann France SAS, Faulquemont

Germany

- Agaplesion Diaconical Hospital Hamburg
- American Express Services Europe Limited, Frankfurt am Main
- Bayer Real Estate GmbH, Leverkusen
- Cruise Center Steinwerder, Hamburg
- Federal Joint Committee, Berlin
- Fraunhofer-Forum, Berlin
- German Aviation Association (BDL), Berlin
- Institute of Public Health Care at Maria Hospital, Wesel
- Medfacilities GmbH, Cologne
- TÜV Rheinland, Berlin
- University Hospital Cologne
- Viessmann Werke GmbH & Co. KG, Allendorf
- Zalando SE, Berlin

Italy

- Assicurazione Arag Spa, Verona

United Kingdom

- University of Strathclyde, Glasgow

USA

- KPMG, Glendale



Capgemini Sogeti Danmark A/S, Vallensbæk Strand

References

Excerpt



Südwestmetall, Heilbronn (Location)



Zalando SE, Berlin



Public Centre for Social Welfare Arendonk



Cruise Center Steinwerder, Hamburg



Agaplesion Diaconical Hospital Hamburg



CPAS Arendonk



09/2022 EN Subject to technical modifications / colour variations

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