

**Technical data sheet 2456**

Specification Office swivel chair

Dimensions in mm	Backrest:	H:	640-720
		Seat:	H: 410-540
		W:	460
		D:	420-480
	Total:	H:	1300
		W (no ArmR):	460
W (ArmR):		720	
D:		680	
Packaging data	Weight:	kg	20,5
	Volume:	m <sup>3</sup>	0,2



**Basic equipment**

**Benefit**

Backrest	High, adjustable height. Moulded foam back with individual design. 3D back support and foam density of 50 gr/dm <sup>3</sup> .	The backrest provides optimal stability and support thanks to its 3D moulded back support. The backrest does not give way like with conventional foam parts. The high foam density guarantees long sitting comfort, also when sitting for periods longer than 8 hours. The design elements add an elegant touch to the chair.
Comfort pad	Moulded foam chair with seat well and foam density of 50 gr/dm <sup>3</sup> .	Increased sitting comfort for longer durations of sitting, as the higher foam density prevents pressure sores. Varicose veins in the buttocks are also avoided and circulation is improved.
Chair column	Gas spring with steel sleeve.	Seat height adjustment for adapting seat height to the different body sizes.
Mechanic	Synchronous mechanism, lockable. The seat and backrest move in sync, the chair follows the movements of the person sitting on the chair when open. The movement can be locked in place at 3 different angles. The counter-pressure of the mechanics is infinitely adjustable via a handwheel.	The back is constantly supported and the belly part is relieved, thus avoiding tenseness and encouraging an upright sitting position. Homogeneous pressure distribution in the vertebrae is also achieved. With the synchronous movement in the seat an even larger opening angle can be achieved, which has the benefit of further improving circulation. Thanks to the individually definable pressure, the chair can be set to the different body weights, thus ensuring fatigue-free work.
Backrest high adjustment	"Up and down system" for height adjustment of backrest. The height of the backrest can be adjusted 70 mm with an automatic grid system.	The support point can be individually adapted to the person sitting on the chair, thus guaranteeing optimal support of the back part and encouraging upright sitting. The blood can circulate, the internal organs can work freely and the spine obtains homogeneous pressure distribution.
Base	Plastic, Ø 640 mm, black. (Also see options)	High stability.
Castors	Double castors, hard.	For soft floors.

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**Fabric cover**  
 Tec: Hard-wearing fabric cover made from 100% Polyester. 30,000 friction cycles, 230 g/lfm. Lucia: Hard-wearing fabric cover made from 100% Polyester, 100,000 friction cycles and 400 g/lfm

**Lumbar support**  
 The lumbar support relieves the body and does a considerable part of the muscle work, which is required for the seated posture.

**Pelvic support**  
 When sitting upright, the rear of the seat pad has a raised section to support the spine and to relieve the muscles

**Seat depth adjustment**      With sliding seat, 50 mm.  
 The contact area of the thighs of bigger individuals is enlarged.

**Seat inclination adjustment**  
 The adjustable seat inclination allows an inclination of up to 4 degrees for the entire seating surface. Supports active sitting - meaning the pelvis is raised to a steeper angle and the spine maintains its original S shape better.

**Guarantee**      3 years exchange warranty

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**Options**

**Benefit**

Castors

Soft double castors

For hard floors

Base

Aluminium base brilliant silver or polished

Excellent stability, durability.

Armrests

4D T-armrest, height, width and depth adjustable, rotatable, soft surface. Fixed T-armrests, soft surface.

The armrests relieve the neck muscles.