

NEON ESD CHAIR XXL

43-202-012X/43-202-013X

Neon XXL brings ergonomics, safety, seating comfort and the best possible features to any workstation. Ideal for workshops and production areas.

Heavy-duty workplaces chair up to 180kg

- All components suitable for heavy-duty use
- Heavy-duty components: Chair frame, castors, mechanism, gas spring and base
- Thicker upholstery, optimized shape
- XXL weight adjustment, 80 to 180 kg
- Optional heavy-duty armrests, greater width

Product Specifications

Backrest height:	570 mm
Seat height:	470 - 640 mm
Seat width:	490 mm
Seat Depth	420-480 mm
Backrest:	Conductive
Base:	Aluminium
Castors:	Yes
Surface resistance:	$10^6 \Omega$
Compliant to standards:	EN 61340-5-1
Weight:	21 kg (22,5 with headrest)
Warranty:	10 years



Conductivity

The metal components have a conductive coating. The high-comfort upholstery is also conductive. Typical discharge resistance of $10^6 \Omega$. Conductive castors. Exceeds the requirements of ESD protection according to standard DIN EN 61340-5-1. 100% ESD protection.

Seat & backrest

Ergonomically designed, extra thick seat with integrated pelvis support and rounded front edge of the seat. The seat automatically encourages the correct posture and upright, healthy sitting.

The round front edge of the seat prevents blocked circulation in the thighs.

Ergonomically designed, wide at the bottom and narrow at the top. Maximum liberty of action. Offers elbow-room without having to sacrifice the support of the back.

Upholstery elements ("Click-system" - changeable without any tools)

- Duotec fabric: Hard-wearing, breathable and comfortable fabric cover. Colour black.
- Magic artificial leather: High-quality synthetic leather, washable, low-maintenance and impervious to oil and disinfecting agents. Colour black.
- Supertec: Comfortable and soft, breathable and very resistant to external influences. Cut resistant, anti-slip and easy to clean. Colour black.
- Polyurethane foam (PU) *on request*: The polyurethane foam upholstery provides excellent resistance to external influences and ease of cleaning. Colour black.

Seat settings

-Seat height: continuous seat height adjustment from 470 to 640 mm self-supporting safety gas spring with protective cover. The seat height adjustment can be adapted to the body size and the height of workbenches. Wide range of height adjustment.

-Synchronous mechanism (0-23°) The inclination of seat and backrest is automatically adjusted in line with the user's current posture. This results in dynamic sitting, which relaxes the muscles, relieves strain on the intervertebral discs, improves circulation and boosts concentration and performance considerably.

-Weight regulation from 80-180 kg. Individual adjustment of the backrests and the backpressure to size and weight of the sitting person.

-Seat depth adjustment: shiftable seat for individual adjustment of the seat depth (60 mm). Matches the depth of the seat to the size of the body, giving the best possible contact surface for the thighs.

-Backrest height adjustment easily and conveniently to operate, also in a sitting position (60 mm). Ensures best possible support of the back - especially in the lumbar area. Adjustment possible for small and tall sized people

-Quick adjustment. Every function can be operated easily and comfortably in a sitting position.

-Anti-shock lock. The backrest cannot accidentally spring forwards even after the lock has been released.

Base and castors

-Aluminium, powder coated, black. Flat design. Very high stability, longevity and steadiness. Flat design prevents stumbling hazard.

-Castors, dual-wheel safety castors with load-sensitive brakes, For hard floors as standard. Larger diameter of 65 mm. Chairs are braked when not used which decreases the accident risk.

Upholstered surfaces

The materials used are correctly sorted and recyclable. Environment-friendly

<u>Finish</u>	<u>Black</u>
Duotec ESD	
Artificial leather Magic ESD	
Supertec ESD	



Norms

EN 61340-5-1

DIN 68 877

German GS "safety tested" certificate

Quality Management System DIN EN ISO 9001

Environmental Management System

DIN EN ISO 14001

EMAS

OHSAS 45001

EcoVadis CSR rating gold

Blue Angel Eco Label

Non-toxic

Fraunhofer ergonomic report

Part numbers and characteristics

Seat height	Material	Strip	Headrest	Part number
470-640mm	Duotec fabric	Blue	-	43-202-0124
470-640mm	Supertec black	Blue	-	43-202-0125
470-640mm	Artificial leather Magic	Blue	-	43-202-0126
470-640mm	Duotec fabric	Blue	yes	43-202-0134
470-640mm	Supertec black	Blue	yes	43-202-0135
470-640mm	Artificial leather Magic	Blue	yes	43-202-0136

Options

-Strips: other colors available.

-Armrests: 2D-armrests, Height-adjustable (110 mm), Width-adjustable (continuously by increments of 20 mm), soft armrest pads.

Référence	Description
84-200-0721	ESD armrest for chair Neon XXL

