

**ESD sandal FLASH 4605 XP, W13, S1P, mesh, unisex,
black/royal blue/neon-yellow, size 45**



The high-tech MESH UPPER encloses the foot precisely and guarantees the wearer lasting breathability, flexibility and unmistakable wearing comfort. The air texture of the fabric guarantees optimal air circulation and thus ensures a permanently pleasant foot climate.

ATLAS® brings together state-of-the-art technologies and the anatomical needs of every wearer. The new INNOFLEX SYSTEM® is a holistic running sole concept and supports the runner in every phase of movement. From the first to the last contact with the ground, the sole complex is permanently guided by the same, natural line of force, the INNOFLEX LINE. It optimally guides the forces from the heel to the toe and thus supports the natural line of force progression. Special areas such as the CLOUDZONE in the heel are responsible for the corresponding energy absorption, i.e. cushioning. The large-format tread surfaces, which are equipped with particularly energy-absorbing MPU® material, absorb the energy and return it to the movement process in a targeted manner. This

guarantees fatigue-free walking throughout the entire working day.

With the puncture-resistant XP® technology, ATLAS® offers an innovative system to protect the foot against sharp objects such as nails. A high-tech textile material containing aramid fibres is used for this purpose. The increased safety is not at the expense of wearing comfort, because the textile is metal-free, extremely light and supports the natural torsion of the foot.

Alu-tec® technology: The new lightness. Aluminium has not only served as a high-tech material in aviation and the automotive industry for years, but also in many ATLAS safety shoes today. The anatomically shaped aluminium toe cap is particularly light and shifts the centre of gravity of the shoe to the middle of the foot. This actively helps to prevent tripping accidents caused by imbalance. The thermally neutral behaviour of aluminium also prevents cold bridges from forming inside the shoe and thus guarantees a pleasant foot climate in all seasons.

Especially when kneeling, wear and tear can occur in the area of the shoe toe after some time. These can be significantly reduced with the help of the abrasion-resistant toe protection made of carbon fibre and the service life of the shoe is thus increased.

Particularly in everyday working life, with high physical stress, temperature-regulating properties are not only required, but expected. The aktiv-X functional lining stands for the highest quality, innovative technology and offers the wearer permanent, active moisture regulation. The aktiv-X functional lining regulates moisture and ensures that the shoes dry again quickly. It does not stain, is skin-friendly and abrasion-resistant.

Work healthier with the right cushioning. The new 3D cushioning system from ATLAS® enables noticeably gentle and fatigue-free walking. The basis for this outstanding walking comfort is formed by three basic components: Pressure relief. Cushioning. Dynamics. This is ensured by the perfect interaction of a pressure-relieving insole and the light and responsive MPU sole technology.

The ATLAS® clima-stream® concept maximises breathability, balances moisture inside the shoe and optimally regulates the temperature of the environment. The use of high-quality, particularly breathable upper material, the thermoregulating inner lining and the Klima Komfort® insole ensures a unique wearing sensation.

geeignet für die Einlagenversorgung-DGUV 112-191

ATLAS® offers you a wide range of different orthopaedic insoles. The articles marked here are suitable for orthopaedic insoles according to DGUV regulation 112-191. The marking on the shoe is decisive for this.

Item no.	WL57309
Model	FLASH 4605 XP, W13 ESD
Model line	FLASH 4605 XP ESD
Manufacturer	ATLAS
Manufacturer article no.	32913-45
GPSR manufacturer data	ATLAS-Schuhfabrik GmbH & Co.KG Frische Luft 159 DE-44319 Dortmund www.atlasschuhe.de
Length with packaging	350 mm
Width with packaging	250 mm
Height with packaging	150 mm
Sales unit	1 pair
Content unit	1 pair
Manufacturer colour information	black / royal blue / neon-yellow
Colour	blue, yellow, black
Incl. battery	no
Protective cap	yes
Type of shoes	sandal
Safety class	S1P
Shoe sole	MPU INNOFLEX system
Slip resistance	SRC
Shoe width	W13
Penetration resistance	XP metal-free
Features (shoes)	• Mesh upper material • MPU INNOFLEX system • XP metal-free penetration resistance • alu-tec aluminium toe cap • carbon fibre reinforced toe protection • aktiv-X functional lining • 3D cushioning system • clima-stream concept • suitable for insoles-DGUV 112-191
Material (shoes)	mesh upper
Shoe size EU	45
ESD compliant	yes
Risk category (PPE regulation)	Category 2

Other versions

Item no.	Shoe size EU	Shoe width
WL54802	36	W10 (standard width)
WL57273	37	W10 (standard width)
WL57274	38	W10 (standard width)
WL57275	39	W10 (standard width)
WL57289	39	W12
WL57303	39	W13
WL57317	39	W14
WL57276	40	W10 (standard width)
WL57290	40	W12
WL57304	40	W13
WL57318	40	W14
WL57277	41	W10 (standard width)
WL57291	41	W12
WL57305	41	W13
WL57319	41	W14
WL57278	42	W10 (standard width)
WL57292	42	W12
WL57306	42	W13
WL57320	42	W14
WL57279	43	W10 (standard width)
WL57293	43	W12
WL57307	43	W13
WL57321	43	W14
WL57280	44	W10 (standard width)
WL57294	44	W12
WL57308	44	W13
WL57322	44	W14
WL57281	45	W10 (standard width)
WL57295	45	W12
WL57309	45	W13
WL57323	45	W14
WL57282	46	W10 (standard width)
WL57296	46	W12

WL57310	46	W13
WL57324	46	W14
WL57283	47	W10 (standard width)
WL57297	47	W12
WL57311	47	W13
WL57325	47	W14
WL57284	48	W10 (standard width)
WL57298	48	W12
WL57312	48	W13
WL57326	48	W14
WL57285	49	W10 (standard width)
WL57299	49	W12
WL57313	49	W13
WL57327	49	W14