ESD low shoe FLASH 4005 XP, S1P, mesh, unisex, black/royal blue/neon-yellow, size 42



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 number	**WL46511**

model	FLASH 4005 XP ESD
model line	FLASH 4005 XP ESD
manufacturer	ATLAS
manufacturer item number	45900-42
length with packaging	350 mm
width with packaging	250 mm
height with packaging	150 mm
order unit	1 pair
content unit	1 pair
colour manufacturer	black / royal blue / neon-yellow
Colour	blue, yellow, black
material	Mesh upper
protective cap	yes
shoe execution	low shoe
safety class	S1P
shoe sole	MPU INNOFLEX System
Slip resistance	SRC
Puncture resistance	XP metal-free penetration resistance
shoe width	W10 (standard width)
features shoes	• Mesh upper • MPU INNOFLEX system • XP metal-free penetration resistance • alu-tec aluminum toe cap • carbon fiber reinforced toe protection • aktiv-X functional lining • 3D cushioning system • clima-stream concept • suitable for insole supply-DGUV 112-191
material shoes	mesh upper
shoe size EU	42
ESD safe	yes
Category (PPE Regulation)	Category 2

Other versions

item number	shoe size EU	shoe width
WL54801	36	W10 (standard width)

WL57175	36	W12
WL57166	37	W10 (standard width)
WL57176	37	W12
WL57167	38	W10 (standard width)
WL57177	38	W12
WL57168	39	W10 (standard width)
WL57178	39	W12
WL57192	39	W13
WL57206	39	W14
WL57169	40	W10 (standard width)
WL57179	40	W12
WL57193	40	W13
WL57207	40	W14
WL46510	41	W10 (standard width)
WL57180	41	W12
WL57194	41	W13
WL57208	41	W14
WL46511	**42**	**W10 (standard width)**
WL57181	42	W12
WL57195	42	W13
WL57209	42	W14
WL46512	43	W10 (standard width)
WL57182	43	W12
WL57196	43	W13
WL57210	43	W14
WL57170	44	W10 (standard width)
WL57183	44	W12
WL57197	44	W13
WL57211	44	W14
WL50817	45	W10 (standard width)
WL57184	45	W12
WL57198	45	W13
WL57212	45	W14
WL57171	46	W10 (standard width)
WL57185	46	W12

WL57199	46	W13
WL57213	46	W14
WL57172	47	W10 (standard width)
WL57186	47	W12
WL57200	47	W13
WL57214	47	W14
WL57173	48	W10 (standard width)
WL57187	48	W12
WL57201	48	W13
WL57215	48	W14
WL57174	49	W10 (standard width)
WL57188	49	W12
WL57202	49	W13
WL57216	49	W14