POWER 8B86.00

S3 SRC ESD

SIZES 36 - 47

MICROFIBER MATERIAL

Innovative material made of polyester fibers, water resistant and highly durable.

ALUMINIUM TOE CAP

Lightweight toe cap against pressure up to 200 joules.

BIORELAX INSOCK

Total recovery insock with active carbon filter to reduce odour.

THERMAL INSULATION

Increased isolation by up to 52%, keeping feet warmer

Q-FLEX INSOLE

Anti-perforation, non-metallic and anti-static insole.

AIR TUBELESS

AIR TUBELESS RUBBER SOLE

Exclusive comfort technology TOWORKFOR patented worldwide that prevents low back pain and reduces muscle effort by up to 55%.

GRIP REINFORCEMENT

Optimized layout design for better grip to the ground

ALUMINIUM TOE CAP | Q-FLEX INSOLE | RESISTANCE TO WATER ABSORPTION | ESD ELETROSTATIC DISCHARGE | AIR TUBELESS SOLE | NITRILE RUBBER

NORMS EN ISO 20345:2011

S3 - Closed heel area with the following characteristics:

- **E** - Heel energy absorption
- **A** - Antistatic footwear
- **FO** - Resistance to fuel oil of the outsole
- **P** - Penetration resistance sole
- **WRU** - Water penetration resistant uppers

ADDITIONAL CHARACTERISTICS:

SRC - Slip resistance on ceramic + sodium lauryl sulfate and steel + glycerin

ESD - Electrostatic Discharge (EN 61340-5-1)

ADVANTAGES

Breathable | Comfortable | Excellent anti-slip features | Electrostatic Discharge (ESD) | Water-resistant materials

WORKING ENVIRONMENT

LOGISTICS WORK | POSTMAN | ADMINISTRATIVE | TRANSPORT | SHOPKEEPER | SIMILAR | LIGHT INDUSTRY

POWER 8B86.00

S3 SRC ESD

AIR TUBELESS

HIGH PERFORMANCE

MAXIMUM COMFORT

TECHNICAL INFORMATION

MATERIALS	STANDARDS	DESCRIPTION	UN.	RESULTS	REQ. EN ISO 20345:2011
UPPER - BLACK & GREY MICROFIBER - Innovative material made of polyester fibers, water resistance and highly durable. Allows natural breathing. Presents a wide range of colours that keeps with the shoe throughout its life.	6.6+6.8	WATER VAPOUR PERMEABILITY	mg/cm^2	**9,5**	min. 0,8
		COEFFICIENT OF PERMEABILITY	mg/cm^2	**77,9**	min. 15
	6.3	TEARING STRENGTH	N	**67**	min. 60
	6.13	TRANSMITED WATER AFTER 60 MIN	g	**1,1**	max. 0,2
		ABSORVED WATER 60 MIN	%	**112,6**	max. 30
UPPER LINING POROMAX - Innovative technology due to the structure of the internal chambers that removes hot and moist air from the top of the shoe and facilitates the uniform distribution of temperature inside the shoes.	6.6+6.8	WATER VAPOUR PERMEABILITY	mg/cm^2	**50,5**	min. 2,0
		COEFFICIENT OF PERMEABILITY	mg/cm^2	**70**	min. 15
	6.3	TEARING STRENGTH	N	**29**	min. 15
HEEL LINING ON STEAM - Highly abrasion resistant and seamless material, ensuring greater comfort.	5.5.1	TEARING STRENGTH	N	**95**	min. 36
	6.12	ABRASION RESISTANCE (DRY)	-	**approved**	51.200
		ABRASION RESISTANCE (WET)	-	**approved**	25.600
ELECTROSTATIC DISCHARGE (ESD) Conductive properties of footwear to an electrostatic discharge.	61340-5-1	ELECTRIC PROPERTIES ESD	MΩ	**-**	< 100
INSOLE Q-FLEX - Non-metallic, and anti static	6.2.1.1	PERFORATION RESISTANCE	N	**approved**	no perforation
INSOCK BIORELAX - Anti-fatigue, antibacterial and 100% breathable	5.5.2	ABRASION RESISTANCE (DRY)	cycles	**approved**	25.600
		ABRASION RESISTANCE (WET)	cycles	**approved**	12.800
	7.2	WATER DESORPTION	%	**approved**	min 80
		WATER ABSORPTION	mg/cm2	**approved**	min 70
SOLE AIR TUBELESS Exclusive comfort system, biomechanically tested by INESCOP, which integrates several benefits: the prevention of low back pain and feet, the 55% reduction in impact on walking and increased thermal insulation. Protects from electrostatic discharges - ESD	8.2	TEARING STRENGTH	N/mm	**14,3**	min. 8
	8.3	ABRASION RESISTANCE	mm^3	**131**	max. 150
	8.4	BENDING RESISTANCE	mm	**1,3**	max. 4
	8.6	OIL RESISTANCE VOLUME VARIATION	%	**10**	max 12
		OIL RESISTANCE INCREASED TOUGHNESS	Shore A	**<10**	max 10
FULL SHOE	5.11	SLIP RESISTANCE IN CERAMIC	flat	**0,40**	min. 0,32
		WITH WATER AND DETERGENT	heel	**0,48**	min. 0,28
		SLIP RESISTANCE IN STAINLESS	flat	**0,24**	min. 0,18
		WITH GLYCERINE	heel	**0,18**	min. 0,13
	5.4	IMPACT RESISTANCE	mm	**14**	min. 13,5
	5.5	COMPRESSE STRENGTH	mm	**18**	min. 14,5
	5.14	SHOCK ABSORPTION (HEEL)	J	**95**	min. 20
	5.2	ADHESION STRENGTH SOLE/CUT	N/mm	**13,9**	min. 4,0

SHOE WEIGHT (SIZE 42): 680g