PRODUCT DATA SHEET

64.464.0

FRONTSIDE LOW – Low Safety Shoe
S1P ESD HRO SRC / S1PS ESD FO HRO SR · Metal Free

Fiberglass Toe Cap | FAP®lite Midsole | URBAN EFFECT Rubber Sole HRO 300 °C | EFFECT.FOAM | ESD



Frontside Low – blue/orange mesh & microfibre upper

KEY FEATURES

Metal-Free Protection
High-tech fiberglass toe cap and FAP®lite flexible anti-penetration midsole

URBAN EFFECT Rubber Sole
Heat resistant to 300 °C, SRC grip with liquid-draining profile and rotation point

EFFECT.FOAM Comfort
60% energy return, 47% less impact on bones and joints; evercushion® footbed

STANDARDS & CERTIFICATIONS

EN ISO 20345:2011	EN ISO 20345:2022+A1	CERT. (2011)	CERT. (2022+A1)	HEAT RESISTANCE	ESD
S1P	**S1PS**	**0598/PPE**	**0598/PPE**	**HRO**	**ESD**
ESD · HRO · SRC	ESD · FO · HRO · SR	22/3577 · SGS Fimko	25/2786 · SGS Fimko	Outsole up to 300 °C	Electrostatic dissipative

KEY DATA

ART. NO.	64.464.0 (644640)
BRAND	PUMA® SAFETY – ISM GmbH, Lippstadt, Germany
DESCRIPTION	Frontside Low – low safety shoe, fiberglass toe cap, metal free
STANDARD	EN ISO 20345:2011 S1P ESD HRO SRC · EN ISO 20345:2022+A1:2024 S1PS ESD FO HRO SR
UPPER / LINING	Sandwich mesh with microfibre · BreathActive functional lining
COLOR	Blue-orange
SIZES / WIDTH	39 – 47 / 11 · Men
ORIGIN	China
PACKAGING	Boxed · Care: hand wash

TECHNICAL SPECIFICATIONS

TECHNOLOGIES

- **URBAN EFFECT sole:** HRO rubber, heat resistant to 300 °C; profile drains liquids for SRC grip; rotation point reduces friction and fatigue.
- **EFFECT.FOAM:** 60% energy return, 47% less impact on bones and joints* – light, permanently comfortable.
- **FAP®lite:** metal-free penetration protection – 50% lighter, very flexible, better cushioning, cooling effect.
- **Fiberglass toe cap:** durable, more toe freedom, lighter than conventional composite caps.
- **Upper:** tear-resistant sandwich mesh; microfibre easy-care, breathable, water and dirt repellent.

* Dynamic energy absorption reduces impacts to 1.6 kN; safety-shoe average 3.0 kN.

COMPONENTS – PUMA SAFETY

PROTECTION	Fiberglass toe cap, FAP®lite midsole
PLUS	ESD, TPU heel protection, TPU eyelet element
UPPER	Sandwich mesh with microfibre
LINING	BreathActive functional lining
FOOTBED	evercushion® CUSTOM FIT MID
MIDSOLE	Two-layer EVA + EFFECT.FOAM
OUTSOLE	URBAN EFFECT rubber, 300 °C
HEIGHT	Low
PROPERTIES	Slip resist. · HRO · Breathable · Metal free · ESD

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