

# BLACKTRIGGER S1P ESD



Standard EN ISO 20345 : 2011



## ESD Protection against electrostatic discharges

- Electrical resistance ranging within  $10^5 \Omega$  and  $10^8 \Omega$ .
- Protection of electronic components from electrostatic discharges that could cause damage



Size 36 to 48

Ref. BTRIS1PNR

## Product Highlights



- **Perforated suede split leather upper:** foot-friendly natural material. Flexibility and resistance to tear.



- **3D Microporous fabric lining, soft and breathable** pleasant feel of freshness, great ventilation of the foot.

- **Tongue with gusset** to limit intrusion of dust and stones.

- **Comfort and well-being:** flexible and easy daily wear.



- **Protective toe-cap:** polycarbonate.



- **Puncture-resistant midsole:** high tenacity fabric "0" penetration



## Anti-static sole PERFORMANCE PU2D

- **PU2D injected sole:** total upper and sole equilibrium.
- **Developed outsole for industrial and urban soils:** adapted for frequent flexing.
- **Large bearing surface:** optimal stability.
- **Shock absorption:** preservation of the back and joints.

## USAGE

- Light industry, logistics, handling and transport.
- ESD model: automotive and electronics sectors
- **Caution:** ESD shoes are not suitable for live-line work



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An exacting attitude to quality is our culture, safety our priority



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## Characteristics of the upper

- **Upper material:** suede split leather
- **Lining:** 3D microporous fabric
- **Tongue with gusset:** high tenacity fabric

## Characteristics of the sole

- **Designation:** PERFORMANCE
- **Material:** polyurethane / polyurethane
- **Antistatic sole**
- **SRA Adhesion coefficient:**  
forward flat slip: 0,32 (standard  $\geq 0,32$ )  
forward heel slip: 0,29 (standard  $\geq 0,28$ )
- **SRB Adhesion coefficient:**  
forward flat slip: 0,18 (standard  $\geq 0,18$ )  
forward heel slip: 0,15 (standard  $\geq 0,13$ )

## VARIANT



**Blacktrigger S1 ESD SRC**  
BTR10NR

## Practical information

Weight of one shoe size 42: 523 g

CERTIFICATION N° OZO299-CPT004/21

## Packaging

size 36 to 44

**shoobox** 315 x 220 x 125 mm

**carton** 635 x 445 x 325 mm

10 shoeboxes per carton

size 45 to 48

**shoobox** 355 x 220 x 130 mm

**carton** 660 x 450 x 360 mm

10 shoeboxes per carton

## Gencods

36	3237154440360	43	3237154440438
37	3237154440377	44	3237154440445
38	3237154440384	45	3237154440452
39	3237154440391	46	3237154440469
40	3237154440407	47	3237154440476
41	3237154440414	48	3237154440483
42	3237154440421		

## Memo for basic and additional requirements of the standard EN ISO 20345: 2011

### Safety Footwear

SBP



S1



S1P



S2



S3



200 J toe-cap: protection of the forefoot against impact and crushing.



Anti-perforation insert 1100 N: foot protection against perforation.



Anti-static footwear



Insulation against cold



Shock absorption at the heel



Insulation against heat



Fuel oil-resistant outsole



Outsole resistance to hot contact



Water penetration and water absorption resistant upper



Water resistant



Electrostatic discharge



Ankle protection



Slip-resistance on ceramic floors with detergent



Slip-resistance on steel floors with glycerol



$\text{SRC} = \text{SRA} + \text{SRB}$