

REX S1 ESD



Standard EN ISO 20345 : 2011

LEMAITRE

Safety since 1974



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



Sizes 36 to 49 Ref. REXS10NR

Product Highlights



- **Upper in suede microfiber** : lightness, breathability, tearing and abrasion resistant



- **3D Microporous fabric lining, soft and breathable** pleasant feeling of freshness, good ventilation of the foot

- **Double velcro closure** for a good and a perfect fit.

- **Very few seams**, resistant model



- **Comfortable insock with cushioned heel**: reduced impact and fatigue



- **Protective toe-cap**: aluminium.



Anti-static sole GENESIS PU2D

- **Energy absorption at the heel** for impulse with each new step
- **Outsole designed for indoors and urban environments**: prone to frequent flexing
- **Raised heel** ; reinforced grip on ladder rungs
- **Arch support**: MSDs prevention
- **Front and rear reinforcements**

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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Lemaitre takes care



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Characteristics of the upper

- **Upper material:** suede microfiber
- **Tongue:** high tenacity fabric
- **Lining:** 3D microporous fabric

Characteristics of the sole

- **Designation :** GENESIS
- **Material:** polyurethane / polyurethane
- **Antistatic sole**
- **SRA Adhesion coefficient:**
forward flat slip: 0,34 (standard $\geq 0,32$)
forward heel slip: 0,37 (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



Roy S1 ESD SRC
ROYS10NR

Practical information

Weight of one shoe size 42: 490g

AET N° 202/2024/PPE/1439/B

Gencods

36	3237154310366	43	3237154310434
37	3237154310373	44	3237154310441
38	3237154310380	45	3237154310458
39	3237154310397	46	3237154310465
40	3237154310403	47	3237154310472
41	3237154310410	48	3237154310489
42	3237154310427	49	3237154310496

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



$SRC = SRA + SRB$

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