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TECHNICAL DATA SHEET

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AMPERA BLACK S1 ESD SRC SANDAL IN BLACK LEATHER GRAINED

PROTECTION FOR THIS MODEL



Sizes available from 35 (2) to 48(13)
Weight of one pair in size 42 (8): 1000 gr.
Norm EN ISO 20345 : 2011
AET : 0075/007/161/07/13/0633
EXT 03/09/13

Upper features

- Upper : black leather grained
- Tongue : black leather grained
- Lining : tridimensional textile (3D)
- Vamp lining : synthetic
- Counter : leather board
- Closing : scratch band
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking

Protections

- Toecap : stainless steel (200 joules)

Fitting features

- Natur' form (large)
- Lasting : California
- Lasting insole : textile
- Footbed : foam and textile

Sole features

- Name : Sporty
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Undermine sole density : 1
- Undermine sole color : black
- Slip resistance SRA (flat) : 0,46 ; (heel) : 0,43
- Slip resistance SRB (flat) : 0,26 ; (heel) : 0,20

Requirements of the norm EN ISO 20345

	Steel toecap		Polycarbonate toecap		Aluminum toecap (200 joules)
	Steel midsole		Non metallic midsole		
	A	Electric resistance – Antistatic shoes.			
	CI	Insulating sole against cold.			
	E	Heel energy absorption.			
	Fo	Hydrocarbons resistance of the undermine sole.			
	Hi	Insulating sole against heat.			
	HRO	Heat resistance of the sole.			
	M	Metatarsal protection.			
	P	Perforation resistance.			
	WRU	Water repellent upper.			
	WR	Water repellent junction upper/sole.			



Regarding the norm EN ISO 20345, the minimum results for slip resistance to get the SRC certificate are :
SRA (flat) = 0,32
SRA (heel) = 0,28
SRB (flat) = 0,18
SRB (heel) = 0,13

Advantages = End users benefits

This shoe meets the standard ESD (Electro Static Discharge) for the protection of persons against electrostatic discharges under 35 Mega OHM

- **2,0-2,2 mm thickness leather** for better resistance (to abrasion and tearing) and longer durability.
- **Tridimensionnal textile lining**, soft and breathable, offers greater comfort and hygiene. Thanks to its honeycomb structure it allows better breathability for increased comfort. It is also highly resistant to abrasion.
- **Stainless toecap with special design**:
 - ✓ **Exclusive LEMAITRE toecap** : asymmetric (follows the shape of the foot for a elegant design) and dissymmetrical (toecap is shorter on top for added comfort)
 - ✓ **Treated with Epoxy** to avoid oxidation
 - ✓ **Offset of sizes on SPORTY range for a** for a greater inner volume and therefore a better comfort
- **Sporty sole** :
 - ✓ **Attack heel**, for a natural unfolding of the foot during walking and comfort while driving vehicle
 - ✓ **Comfort sole** : very thick sole at the heel
 - ✓ **Dual density polyurethane (PU2D)** injected
 - ✓ **Sportive design**
 - ✓ **Reinforcements of the PU sole** at the front and the back of the shoe for a better protection of the leather and the shoe
 - ✓ **Cold insulation**
 - ✓ **Heel shock absorber**
 - ✓ **Non-slip structure** with a studded open for better drainage of fluids
- **Parabolic profile**
 - ✓ **Exceptional slip resistance** : footprint adapts itself to the nature of the ground due to the profile of the sole
 - ✓ **Spring effect** : gives a more dynamic walk
 - ✓ **Walking assistance** : the concave structure of allows a progressive deformation of the sole in order to optimize grip and facilitate walking
- **Sporty shape** : **injection of the PU sole under the foot, enables** :
 - ✓ Higher breathability of the foot
 - ✓ Adaptation of the leather to the shape of the foot
 - ✓ Flexibility of the sole